

LOG-BOOK

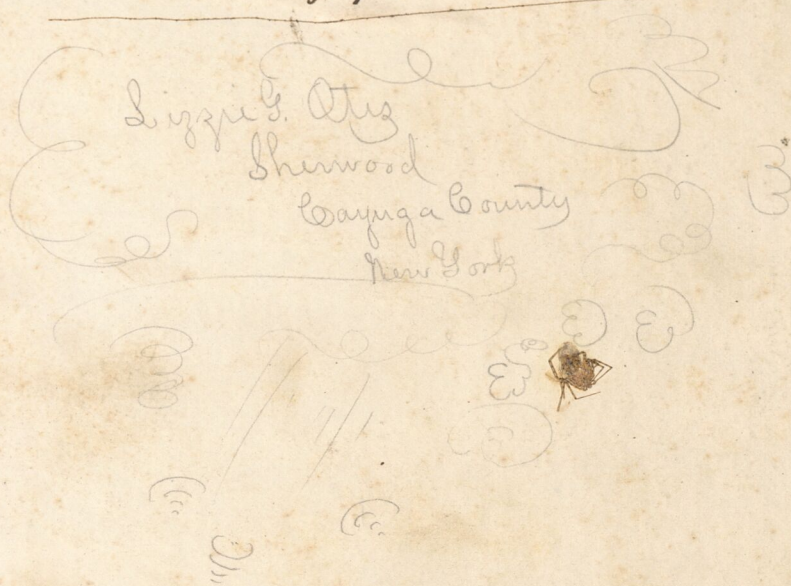
OF

*James F. Bangor*  
*and*  
*Stephen Graham*



Saturday Apr 16<sup>th</sup> Spoke the Brig Lillian of N York  
13 days out bound for St Kitts Lat 19.2 N. Long 63.20 W

Monday May 4<sup>th</sup> Spoke the British Schooner <sup>Manahat's No. 8.</sup> Bound for St Z,  
Lat 35 18 N Long 73.6 West





HEU  
HEU

Lizzie G Otis

1873

Sarah Bosh

Sherwood N.Y.

Brig. Executive  
of

Bangor Me.

Lizzie G Otis

Sherwood

N.Y.

Capt. S Gorham

1869-70

S Sherwood

Bangor Maine

Brig. Executive

Bangor

Brig. Executive  
of

Sherwood

Bangor

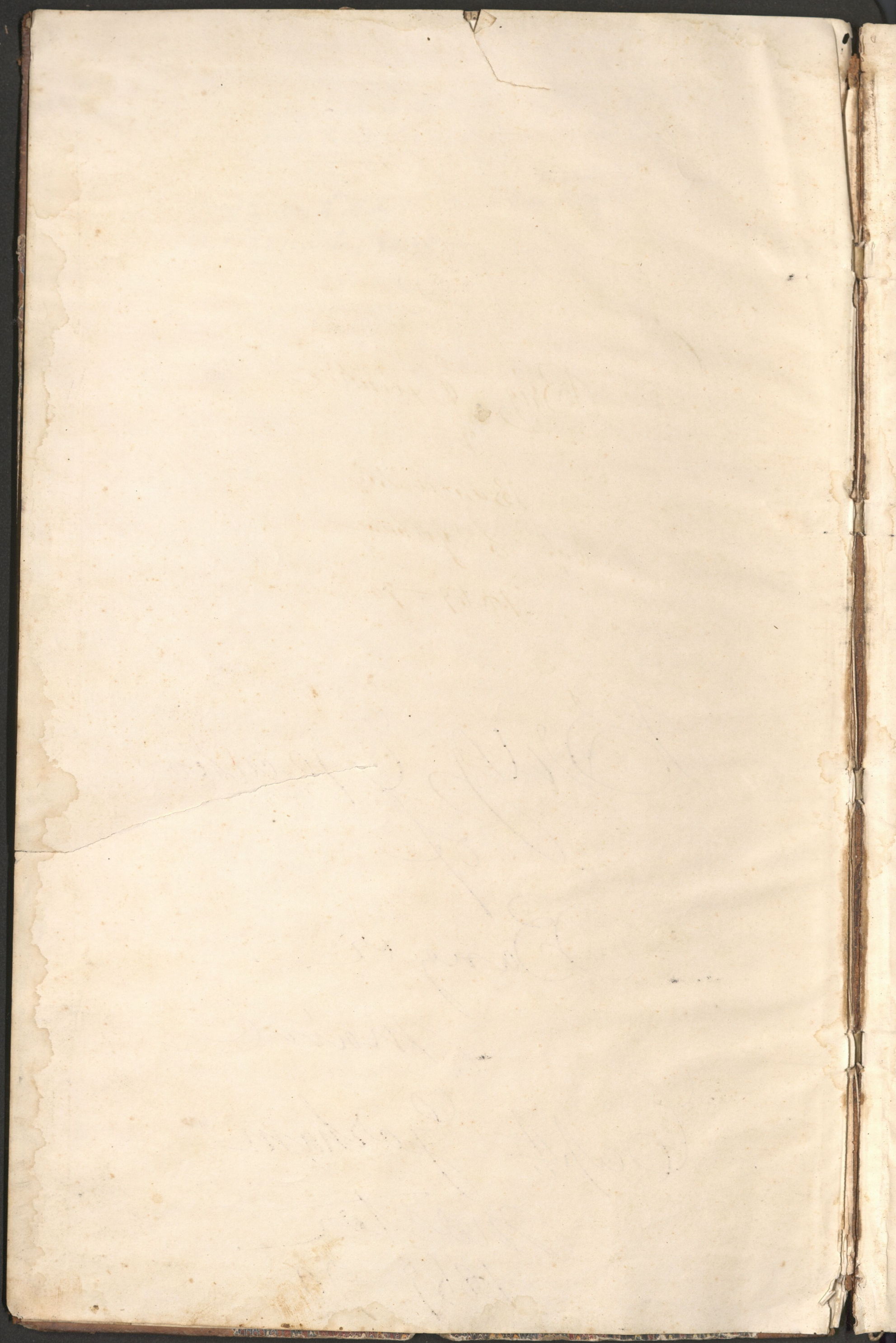
Maine

Capt. Gorham

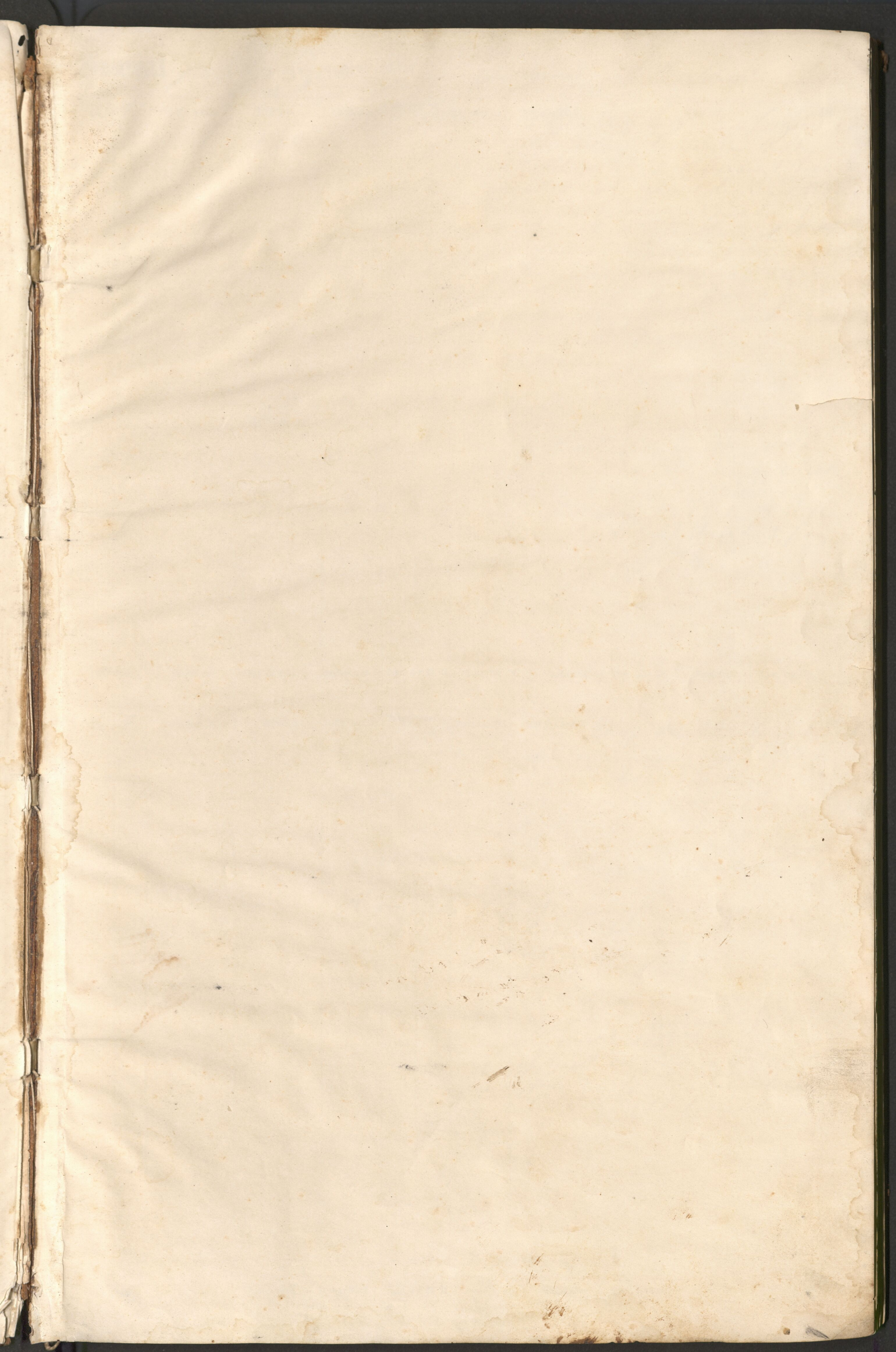
Master

1869-70











H K F

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# Journal from Bangor

Towards Hecatare

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	Weeks 18	day of	18
						Air.	Water.					
1				S W								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
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4												
5												
6												
7												
8												
9												
10												
11												
12												

Remarks

Thurs 19 day of August 1869  
 this day commences with light breeze & pleasant weather  
 at 7 AM. haul line in Board  
 at 7 30 AM. get anchor &  
 haul out. Run at 1 PM  
 line to anchor at Sancti Spirit  
 Lament to sea up & get.  
 Night be sea fast & by night  
 this day ends with strong  
 wind & fog

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	Weeks 20	day of	18
						Air.	Water.					
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Remarks Sat 20 day of August 1869  
 this day commences with light breeze  
 & fog. Hecatare Port Rain  
 all hands engaged in getting things  
 ready to go to sea  
 this day ends with calm  
 still lying at Sancti Spirit

Sat 21 day of August 1869  
 this day commences with calm weather  
 at 3 PM. haul line in Board  
 haul out anchor & proceed down  
 the Bay at 8 AM. haul in  
 at about 1 PM. haul in  
 Hecatare at 12 PM. light breeze  
 of wind & rain. This day ends  
 thus ends this day which  
 can turn 12 hours only

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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## Journal

from *Bangor*towards *Meclera*

H	K	F	COURSES	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1									<i>Sun 22 day of August 1889</i> this day commences with light breeze & cloudy weather
2									
3									
4									
5									
6									at 7 Pm storm began Bore a w by w about 20 mls dist from which I take my Dep. Lat 48. 49. 69. 15 N
7									
8	4		SE 1/2 S	SE					
9	3								
10	1								
11	1								at 6 Am clear weather
12	1		SE 1/2 E	SE					
1	1								
2	1								
3	1								
4	0								Pump well attached Crank slight this day ends with clear weather & light breeze
5	1								
6	3								
7	3								
8	3								
9	4								
10	4								
11	4								
12	4								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SE 1/2 S	5.5	0.1	5.2	48. 25	48. 17	1 1/2 W	72		

H	K	F	COURSES	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	4		SE 1/2 S	ESE					<i>Mon 23 day of August 1889</i> this day commences with light breeze & clear weather
2	4								
3	3								
4	2								
5	1								
6	0								at 5 Pm calm
7	0								
8	0								
9	0								
10	2		SE 1/2 E	SE 1/2 E					
11	3								at 9 Pm light Breeze
12	4								
1	4								
2	2		SE	SE					
3	2								
4	5								at 4 am fresh Breeze
5	5								
6	5								
7	5								
8	5								
9	5								this day ends with fresh Breeze & clear weather Pumps well attached
10	5								
11	5								
12	5								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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SE 1/2 E 40 3.4 7.2 32 37 32 40 1/2 W 89



## Journal

from

Bangor

towards

the Cape

H K F

COURSES

WINDS

LEEWAY

Thermometer

Air

Water

Barometer

REMARKS

Thurs 24 day of

18

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12

SE 8 8 8 8

at 8

at 8

This day commences with  
fresh Breeze & clear weather  
all day

SE 8 8 8 8

at 5 Breeze hauling  
& Muetail

at 8 Breeze fresh Breeze

This day ends with a  
fresh Breeze & clear weather

Course

Distance

Diff. of Lat.

Departure

Lat. by D. R.

Lat. by Ob.

Variation

Diff. of Lon.

Lon. in

Lon. by Ob.

SE 8 8 8 8

80

28

12

42 15

42 17

1 1/2 to 29

H K F

COURSES

WINDS

LEEWAY

Thermometer

Air

Water

Barometer

REMARKS

Thurs 25 day of

18

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12

SE 8 8 8 8

at 8

at 8

This day commences with  
strong winds & clear weather  
at 2 P.M. took in light  
Sails

SE 8 8 8 8

at 8

at 8

at 8 P.M. Refreshed Muesel  
in St. John's & heavy sea  
beset Rounding & heavy hands

SE 8 8 8 8

at 8

at 8

at 8 the sea began to be dangerous

SE 8 8 8 8

at 8

at 8

This day ends with strong winds  
& heavy seas but ships much  
water & looks some  
winds all at once

Course

Distance

Diff. of Lat.

Departure

Lat. by D. R.

Lat. by Ob.

Variation

Diff. of Lon.

Lon. in

Lon. by Ob.

SE 8 8 8 8

118

70

81

41 15

40

1/2

1 23



## Journal

from Bangor

towards Miteros

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		SESS	WSE	1 1/2				This day commences with a strong breeze & heavy sea at 2 Pm took in the sails at 4 Pm Calm & heavy sea beside Ruak & looks hazy
2	3								
3	3								
4	3								
5									
6									
7									
8									
9									
10									
11									
12									
1									I allow for this 12 hours calm with a heavy sea from the N.W. miles Per hour at 8 AM light breeze Set the sails at 10 AM sails increasing Puffs well then set back & slight
2									
3									
4									
5	2		ESS	SW					
6	3								
7	3								
8	3								
9	4								
10	4								
11	4								
12	4								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SE 1/2 S	27	2 1/2	28	40 40	40 42	1 1/2 W	31		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		ESS	SW					This day commences with a strong breeze & heavy sea at 4 Pm took in Sails & ensail  at 8 Pm sails increase touch in the topsail  at 10 Pm heavy gales touch in from S.W. 11.30 Pm (touch in) Brought the sails to light at 1 AM took in lower topsail & topmast stay Said at 3 AM the mizzen topmast sail & set 3 m at 8 AM set all chains & said this day ends with strong breeze & heavy sea Puffs well with some clouds but
2	3								
3	7								
4	7								
5	7								
6	8								
7	8								
8	8		SESS						
9	4								
10	8								
11	2								
12	4								
1	3		ESS						have two light ship draft of SE  at 1 AM took in lower topsail & topmast stay Said at 3 AM the mizzen topmast sail & set 3 m at 8 AM set all chains & said this day ends with strong breeze & heavy sea Puffs well with some clouds but
2	3								
3	3								
4	6		SESS	WSE					
5	6								
6									
7									
8	6								
9	7								
10	7								
11	7								
12	7								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SE 1/4 S	150	10	148		40 32	1 1/2 W			



## Journal from Bonger

towards Medane

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1	Y		SE SE	SW					This day commenced with a strong wind & heavy sea all morning sent out	Sat 28	August
2	Y										
3	Y										
4	Y										
5	Y										
6	Y										
7	Y										
8	Y		SE SE	SW					at 9 Pm heavy Breeze & squally fresh. Foggy		
9	Y										
10	Y										
11	Y										
12	Y										
1	Y										
2	Y										
3	Y								at 4 am. Set all stowing sail		
4	Y										
5	Y										
6	Y										
7	Y										
8	Y										
9	Y										
10	Y								This day commenced with a moderate breeze & heavy sea. Breeze		
11	Y										
12	Y										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE SE	172	110	171		4032	24			

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1	Y		SE SE	SW					This day commenced with a moderate breeze & heavy sea at 2 Pm set main sail at 4 Pm lowered & hauled the other sail	Sun 29	August
2	Y										
3	Y										
4	Y										
5	Y										
6	Y										
7	Y										
8	Y								at 8 hours freshen		
9	Y										
10	Y										
11	Y										
12	Y										
1	Y										
2	Y										
3	Y								at 2 Pm. Set main sail		
4	Y										
5	Y										
6	Y										
7	Y										
8	Y										
9	Y										
10	Y								This day commenced with a moderate breeze & heavy sea & all stowing sails set		
11	Y										
12	Y										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE SE	139	110	139	4032	4032	24	142		



# Journal from Bangor

Towards Maclears

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	5		ES 1/2 S	W at W					This day commences with a light breeze & heavy dew
2	5								
3	5								
4	5								
5	4								
6	4								
7	4								
8	4								
9	3								
10	3								
11	2								at 11 Pm calm
12	0								
1	0			Sunk					at 1 Am light breeze
2	2								at 2 Am set all sail
3	3			Sun					
4	3								
5	4								
6	4								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
ES 1/2 S	94	9	93	40 28	40 25	2 W	123		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		ES 1/2 S	Sun					This day commences with a strong breeze & threatening weather
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								at 7 Pm back in light
12	2								Sails
1	2								
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
ES 1/2 S	216	27	215	40 46	40 44	2 W	285		



## Journal

from

Bangor

towards Mackinac

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	Day of	18
						Air.	Water.				
1	8		SEB 9 1/2	SE 1/2					This day commences with Strong winds & Clouds weather at 4 Pm winds moderate	1	
2	8										
3	8										
4	8										
5	8										
6	8										
7	8										
8	6			SE 1/2					at 8 Pm clear weather winds change		
9	6										
10	6										
11	6										
12	6										
1	6										
2	6										
3	6								This day commences with a light wind & Pleasant weather winds gentle		
4	6										
5	6										
6	6										
7	6										
8	6										
9	6										
10	6								This day ends with a light wind & Pleasant weather winds gentle		
11	6										
12	6										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/2	10 1/2	16	15.2	40.81	40.38	2 1/2	199		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	Day of	18
						Air.	Water.				
1	6		SEB 8 1/2	SE 1/2					This day commences with light winds & Pleasant weather	2	
2	6										
3	6										
4	4										
5	4										
6	4										
7	4										
8	4								at 6 Pm very light winds		
9	4										
10	4										
11	4										
12	4										
1	4										
2	4										
3	4								at 8 am cannot clear main sail		
4	4										
5	4										
6	4										
7	4										
8	2										
9	2										
10	2								This day ends with light and fair wind & Pleasant weather		
11	2										
12	2										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/2	91	9	90	40.29	40.29	2 1/2			



The girl's emotions were none the less intense. Her face became pale, her feet seemed bound to the floor and her heart almost stopped beating as her eye marked each motion of her father. As he approached the corner where she knew I was, she placed her hands over her eyes and sank into a chair.

But he did not discover me. The bat was found at length, and Nellie raised her eyes. Her father stood without the closet while his companion was assuring him that if he did not hurry all would be lost.

"Where is he!" inquired the woman when they were gone.

"In there," replied the daughter, pointing toward the closet.

"It is Providence, indeed!" was the exclamation of the mother, as she comprehended the narrow escape.

I lost no time in getting to the out-building mentioned. It was an old affair and used but seldom, and being so near the Confederate camp, would not be likely to be subjected to a very thorough search by my pursuers, who believed me to be much further off.

In this place I remained for several days, receiving the best of care from both mother and daughter, who visited me as often as they could without attracting observation.

When my strength returned, and I was able to travel, my generous protectors furnished me with disguises, and during the husband's absence, were enabled to assist me considerably on my perilous journey.

I encountered but few difficulties, however, and passed the conference lines in safety.

"By the way," said the Captain, looking at his watch, "you must take tea with me this evening. No excuse," he continued, as he was about to speak. "I want to introduce you to the heroine of my story; she is my wife now."

Bing a

Towards Kereberr

WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
		Air.	Water.		
					<p>Day 8 day of September 1869</p> <p>This day commences with a light variable wind blowing from South to N.W. all during day &amp; night.</p> <p>at 6 P.m. brought 2 dolphins</p>          <p>The Day ends with passing clouds &amp; light breeze. Pumps well attended.</p>

[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
ENE	10.5	39	95	88 40	89 51	2 W	123		



## Journal

from *Bangor*towards *Macleira*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	6		SE 1/2 E	at 6					This day commences with Moderate weather
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	7								
11	7								at 6 Pm winds increase
12	7								
1	7								
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	7								
9	7								
10	6								at 6 Am Anne Muller
11	6								
12	6								

This day commences with  
a fresh Breeze & Clear weather  
the winds well & the ship

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/2 E	116	159	184	3734	3736	26			

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	6		SE 1/2 E	at 6					This day commences with a fresh Breeze & Clear weather all day sail set at 6 Pm Moderate
2	6								
3	6								
4	6								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								at 6 am St Marys Bu of 1/2 East 20 miles shot at 7.30 Am S. A. topmast & lower studding sail This day commences with a Moderate wind and very sea all day sail set
12	3								
1	3								
2	3								
3	3								
4	3								
5	3								
6	3								
7	4								
8	4								
9	4								
10	4								
11	4								
12	5								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/2 E	86	53	79	3731	3740	22	99		



# Journal from Bangor

Towards Hatteras

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	8		8898	at 6					This day commences with Inclined clouds & Pass- ing clouds with the clouds beginning from a to 15 or with at 6 PM very light breeze current down main sail to keep from drifting
2	8								
3	8								
4	8								
5	8								
6	8								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								
1	2								at 12 PM Squalls & Rain such in 18 inches at 7 PM let 8 mugs also  This day ends with very light breeze & Russy clouds all day
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	8								
9	8								
10	8								
11	8								
12	8								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
8888	62	24	8.1	8606	8606	24	63		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	4		8892	at 6					This day commences with a light breeze & passing clouds all day let 12 mugs beginning from a to at 12 PM
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	6								
10	6								
11	6								
12	6								
1	5								This day ends with a light breeze & clouds. much all day 8 mugs
2	5								
3	5								
4	5								
5	5								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
8888	105	48	12	8516	8516	24	104		



## Journal

from Bangor

towards Newcastle

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	4		88 1/2 S	W					This day commences with a light variable wind & pleasant weather we being seen by the Rocks heavily
2	4								
3	4								
4	4								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								
1	3								At 11 AM Calm This day ends with a Calm
2	3								
3	3								
4	3								
5	2								
6	2								
7	2								
8	2								
9	3								
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
88 1/2 S	12	27	6	34 39	34 39	2 h	24		
H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		88 1/2 S	W					This day commences with a light wind & pleasant weather
2	2								
3	2								
4	2								
5	2								
6	1								
7	1								
8	0								
9									
10									
11									
12									
1									At 8 PM Calm with a heavy dew from the West for about 1 mile but for hour for 8 hours
2									
3									
4	1								
5	3								
6	2								
7	2								
8	3								
9	4								
10	4								
11	4								
12	4								
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
88 1/2 S	44	27	35	34 12	34 18	2 h	18		

This day ends with a  
Breeze & all sail set.  
Puffs & all sail set



# Journal from *Bangor* towards *Mactera*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1				Wath					Sept 15 day of September 18 This day commences with a fresh breeze & Pleasant weather all day set.
2									
3									
4									
5									
6									at 6 Pm strong wind & cloudy weather fresh in light sails hunts hauling
7									
8				Ea 9					
9									
10									
11									at 2 Am more more wind Set all down
12									
1									
2									
3									
4									at 8 Am inside the Island of Mactera which Bore SE for compass about 9 miles at highly End with light sails & passing clouds
5									
6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1									Sept 16 day of September 18 This day commences with a light wind & passing clouds at 2 Pm strong winds
2									
3									
4									
5									
6									at 10 Pm the wind fresh of Mactera Bore East 3 miles dist
7									
8									
9									
10									
11									at 1 Am calm & Bubbly winds
12									
1									
2									
3									
4									This day Ends with light winds of wind from all quarters & drop 12 the Port Annaguna Bore East to miles dist
5									
6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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# Journal from the ship *Ceryny* at *St. Marks* *Mastered*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1									Tues 21 day of September 1869 this day all day Pleasant weather Engaged in Discharge Cargo Lumber & Lumber
2									
3									
4									
5									
6									Remarks Weds 22 day of September 1869 all of this day Pleasant. but Engaged in Delivery Lumber
7									
8									
9									
10									
11									Remarks Thurs 23 day of September all of this day Pleasant weather all hands Engaged in Delivery Lumber from the Stockpile
12									
1									
2									
3									
4									Remarks Fri 24 day of September 1869 all of this day Pleasant weather Engaged in Discharge Cargo Lumber & Lumber
5									
6									
7									
8									
9									
10									
11									
12									

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1									Sat 25 day of Sept 1869 all day Pleasant. weather Engaged in Discharge Lumber One Man Sick
2									
3									
4									
5									
6									Remarks Sunday 26 day of Sept all day Pleasant. weather all hands well one man sick on duty
7									
8									
9									
10									
11									Remarks Mon 27 day of September this day weather Pleasant Engaged in Discharge Cargo
12									
1									
2									
3									
4									Remarks Tues 28 day of September all day Pleasant weather Engaged in Discharge Cargo
5									
6									
7									
8									
9									
10									
11									
12									

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.



# Journal from Whaler *Beja* towards *Nevelsker*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Week 28	day of September	18
						Air.	Water.					
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Remarks

Thus 30 day of September  
all of this day fine & pleasant weather  
Engaged in discharging cargo

Remarks

Day 1 October 1889  
all day pleasant weather  
at 10 AM finished  
discharging cargo and  
luggage to Balast  
at 6 PM 42 tons

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Sat. 2	day of September	18
						Air.	Water.					
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

This day business with  
good weather & light winds  
at 12 AM finished loading in  
Balast today 24 tons today  
at 1 PM got water on board  
and at 4 PM hung  
short & loose sails  
at 6 PM way anchor  
& passed to sea with all light  
wind from the north and  
luggage of eight people &  
two passenger

at 12 night sail  
this day sails with all

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.



Journal from *Acerra*towards *Bangor*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1									Sun 3 day of September 1869 This day Amencio with wind & good weather
2									
3									
4									
5									at 5 am light Boffly hump Set all sail
6									
7									
8									
9									Munday Ento with light Boffly Amencio & Pleasent weather Bunchall Bury Ento & chas 25 miles the days hump Cistars 12 hours only
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	1		W & W	baryne	from	at 10	East		Mon 4 day of October 1869 This day Amencio with a very light wind & Pleasent weather at 3 Pm Amencio increase
2	1								
3	4								
4	4								
5	6								at 6 Pm Amencio of Amencio & Run in equal
6	6								
7	6								
8	6								
9	5								at 3 Pm Amencio Change of wind
10	5								
11	5								
12	5								
1	5								
2	5								
3	2								
4	2								
5	2								Thurs day Ento with light Pleasant Amencio & Pleasent all sail set
6	2								
7	4								
8	4								
9	4								
10	4								
11	2								
12	1								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W & W	112	17	110	32 21	32 26	2 W	130	19 08	



## Journal

from Macarena

towards

Bangor

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Day of	18
						Air.	Water.				
1	1		awa	East						Line 5	October 69
2	2								This day commences with		
3	2								a light variable mist &		
4	2								Passing clouds		
5	2										
6	2										
7	1								at 7 Pm calm		
8	0										
9	0		aw	sw	1/2				at 8.30 light airs of mist		
10	2										
11	6								at 11 Pm clouds & threat		
12	6				1				by look in Rayon at 12 M		
1	5								look in with light sands		
2	4										
3	6								at 2 M look in Argueson		
4	6								at 4 am Recept Mension		
5	6				1 1/2				Mentioning from 5 to 7		
6	6								am perfect dry from Betune.		
7	6								shows to over hold at 8 day gale		
8	6								Recept 1 Pm & 4 Recept Mension		
9	5								at 10 Am look in the main stage		
10	4								Spit twister Sun & gale here		
11	3		wa	sw	4				at 12 M look in from top		
12	3								an this ends the day		

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

76 30 70 8251 29 29 58

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1	3		awa	sw	4				This day commences with a heavy gale of mist at 1 Pm look Mention sent & Put for calm in main stage at 2 Pm Duck Range in the hills & Rain at 3 Pm set from top & fine sun at 4 Pm set. After 1 Pm Recept meti Mension sw heavy the hour Rouby heavy	6	October
2	3										
3	3		sw	sw	3						
4	3										
5	3										
6	3										
7	3										
8	3										
9	3										
10	3										
11	3										
12	4		sw	sw	2 1/2				at 12 M set 3 Recept Mension & fl		
1	4								at 4 Am heavy squalls look fl & Recept Mension		
2	4		sw	west	2						
3	4										
4	4										
5	4										
6	4										
7	4										
8	5										
9	5										
10	5										
11	5										
12	5										

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

76 73 18 8138 20 21



## Journal from Madras

towards Bangalore

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	6		SSW	West	1 1/2				Thurs 7 day of October 1888
2	6								This day strong wind & threatening weather
3	5								at 2 Pm set whale man sail
4	5		W or S						at 3 Pm lashed & Raper
5	6								
6	6								at 6 Pm took in fire chrysomel
7	4		SSW		4				flyer jib Miller & Ragsdale
8	3				4				at 7 Pm Recept upper
9	3								topsail & Recept main sail
10	3				6				at 8 Pm 4 Recept main sail
11	3		SW	W or S	6				perfect present upper topsail & jib & main stay sail very gale & threatening with squalls of rain
12	3								at 12 Mm main masthead
1	3								set main stay sail
2	3								at 4 am set present upper topsail & main sail with in Reef
3	3								at 6 am lashed & Raper
4	4		SSW		3				at 8 Pm set chrysomel main
5	4								stay sail & flyer jib
6	6		W or S		2				at 11 Pm took in Miller
7	6								stay sail & flyer jib & chrysomel
8	6								this day ends with a day
9	6								gale & heavy sea & rain
10	6								squalls with rain
11	6								
12	6								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SSW	33	32	7	3131	40	2 West			

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	5		W or S	SW	2				Fri 8 day of October 1888
2	4								This day commences with a
3	4								gale of thunder & rain in squalls
4	4								at 4 Pm lashed & Raper to
5	4								main water & Raper
6	4								
7	4		SSW	West	2				at 7 Pm lashed & Raper with the main
8	3								took in jib & topsail & present
9	3				6				3 Recept main sail at 9 Pm
10	3								very heavy squall with rain
11	3								& lightning & current down main
12	3								sail & the main stay sail
1	3								at 9 Pm heavy gale with squalls set
2	3								Mandau 3 Recept at 12 M
3	3								more moderate at 4 am set
4	3								main stay sail & Raper topsail & let on
5	3								Recept for the main sail & jib sail
6	4								
7	4				2				
8	4								at 8 am heavy squalls with rain
9	4								in San squalls
10	4								
11	4								This day ends with strong gale
12	4								& cloudy weather Fairly well off

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SSW	41	39	9	3052	40	2 West	17		



## Journal from

Maclear

towards

Bangor

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	4		SSW						Sat 9 day of October 1869 This day commences with strong gales of wind & cloudy weather at 12 PM am Bent. foreside for Repair at 2 PM Tackled ship at 5 PM Bent. foresail & set at
2	4		SSW	WGS	2				
3	4								
4	4		SSW	WGS	2				
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
1	4								at 12 PM weather clear
2	4								
3	4								
4	4								
5	4								
6	4		SSW	WGS	1/2				
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
1	4								This day ends with Pleasant weather & light winds all sail set
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

SSW 82 24 14 81 21 40 20 17

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	4		SSW	WGS					Sun 10 day of October 1869 This day commences with a light wind & Pleasant weather winds bearing & howling as rollers of Porto at 4 PM Tackled ship
2	4								
3	4								
4	4		SSW						
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
1	4								at 10 PM Tackled ship at 11 PM Tackled ship this day ends with a light wind & passing clouds
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4		SSW						
11	4		SSW						
12	4								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

SSW 82 15 64 81 36 40 20 63



# Journal from Calicut

towards Banzar

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	l		sw	1					Mon 11 day of October 1869
2	l								This day Amencig with a
3	l								heavy shower & pleasant
4	l								weather
5	l								
6	l								
7	l								
8	l		sl. h						at 8 Pm Tuckus Ship
9	l								
10	l								
11	l								
12	l		sw						at 12 Pm Tuckus Ship
1	l								
2	l								
3	l								
4	l		sw gh						
5	l								
6	l								
7	l								
8	l		sw a w						
9	l								at 4 Am Tuckus freshy & a
10	l								heavy sea sets in from the NW
11	l								all sail set
12	l								Pumps well attached

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
sw gh	60	16	44	31 50	32 03	2 West	50	22 57	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	l		sw w w	sw	1				Tues 12 day of October 1869
2	l								This day Amencig with a pleasant
3	l								weather & moderate winds
4	l								but a heavy sea sets in from the NW
5	l								
6	l								
7	l								
8	l								at 8 Pm weather threatening
9	l								take in light sails
10	l								
11	l								
12	l		sw w w	sw	2				at 12 Pm strong gales & squalls
1	l								reach in full topsail & 5 reefed
2	l								main sail
3	l								
4	l								
5	l								
6	l								
7	l								
8	l								
9	l								
10	l								at 10 Am calm set sail
11	l								heavy sea from the north NW
12	l								for which I allow 4 miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
sw w w	58	28	49	32 11	32 25	2 W	58		



## Journal

from Nocturnal

towards

Pungar

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1									Weeks 13. day of October 18 69
2									This day commences with a calm & breezy weather at 12 m.
3									On bent. Main Sail for Repair
4									at 4 Pm bent Main Sail
5	2								& Set it with all lights shut
6	2								
7	2								
8	2								at 8 Pm very light winds
9	2								& heavy seas prevent down
10	2								Main Sail
11	2								
12	2								at 12 m light winds & heavy seas
1	2								
2	2								
3	2								
4	2								at 4 am Set Main Sail & gaff
5	3								topail
6	4								
7	4								
8	4								at 8 am Run out Sy. walls
9	4								
10	4								
11	2								
12	2								at 12 m light winds

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W. by N. 41	11	39	32 22	110	2 1/2	48			

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		W. by N.	3 to 4	1 1/2				Weeks 14 day of October 18 69
2	4								This day commences with light
3	6								breezy & squally with strong breeze
4	3								in the
5	5								
6	4								
7	4								
8	6								
9	3								
10	5								at 10 am squally with light
11	6								seas
12	5								
1	3								
2	5								
3	5								at 4 am Set all sail
4	5								
5	5								
6	5								
7	5								
8	5								
9	5								
10	6								This day ends with passing
11	6								clouds & squalls with very thick
12	6								my weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W. by N.	116	11	116	22 33	32 38	2 West.	136		



# Journal from Macao

towards Bangor

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	H
						Air.	Water.			
1	5		to Gen	Shw					16 day of October 1860	1
2	4								This day commences with	2
3	3								Squalls & Puffy Clouds	3
4	1								at 4 Pm Mists coming to	4
5	0		West	SE					set in	5
6	0									6
7	8									7
8	9								at 8 Pm Strong Mists	8
9	9									9
10	9								at 10 Pm Mists in	10
11	8		West Gen	SE					light sail	11
12	6								at 12 M Mists increase	12
1	7								to a gale with in 1 hour	1
2	5								& at 1 Pm Mists in	2
3	3								at 3 Pm Mists in	3
4	8								the sun has been long & clear	4
5	2		W	2					& Rain	5
6	2								at 4 Pm by light Mists	6
7	2								& heavy dew	7
8	2									8
9	2		Set	3					at 8 am S. S. Sail	9
10	2									10
11	2								This day ends with light	11
12	2								Mists & heavy dew	12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
West 1/2 S	96	27	91	32 08	32 08	2	108		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	H
						Air.	Water.			
1	2		W	W 3/4	2				17 day of October 1860	1
2	2								This day commences with a	2
3	2								light mist & heavy dew	3
4	2									4
5	1									5
6	1									6
7	1								at 7 Pm Calm	7
8	0									8
9	0									9
10	0									10
11	0									11
12	0									12
1	0									1
2	0									2
3	1		W 1/2 W	E 1/2 S					at 3 Pm Light Mists	3
4	1								& Pleasant weather	4
5	1									5
6	1								at 6 Am on Bent Manual for	6
7	1								Repairs	7
8	1									8
9	2								This day ends with light	9
10	2								Mists & Pleasant weather	10
11	2									11
12	2								Wind well opened	12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W 1/2 W	22	7	21	32 13	32 13	2	25		



# Journal from *Machere* towards *Bangor*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	2		W a N East						Sun 17 day of October 1869 This day commences with clear weather & light winds  at 10 AM. Bent. Main sail & furl it  at 12 M. light winds  at 5 PM. S. A. Monsoon  at 8 AM strong gust & thickening weather  This day begins with thick fog & rain
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								
1	4		W. by N. 89						
2	4								
3	4								
4	4								
5	4								
6	5								
7	6								
8	6								
9	6								
10	6								
11	7								
12	7								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W. by N.	92	06	91	3205'	31	2 West	106		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	1		W. by N. 89						Mon 18 day of October 1869 This day commences with a strong breeze & clearing weather at 2 PM. took in gaff topsail at 3 PM. took in. Main cross sail & made 8 lbs sail & flying jib at 4 PM. heavy gales with rain & squalls & kept. Main sail took in jib & topsail  at 12 M. heavy gales with rain  at 3 PM. more moderate S. by E. sail & made one Reef from Main sail  at 6 PM. set topsail & jib  at 8 PM. made to the light sails both as strong breeze & heavy sea running Reefs well attached
2	1								
3	1								
4	1								
5	1								
6	4			889	2				
7	4								
8	4								
9	3				3				
10	3								
11	3								
12	3				6				
1	3		W. by N. 89						
2	3								
3	3								
4	3								
5	4				3				
6	4								
7	4								
8	4								
9	5								
10	5								
11	5								
12	5								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W. by N.	90	25	83	3210	3231	2 East	28		



## Journal from

Macleod

towards

Bangor

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	9		a w	W S W	1				This day commences with sky breezes & we have much dew
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	5		a w g h S w g h		1				
10	5								
11	5								
12	5								
1	5								at 12 M Pleasant weather & passing clouds
2	6								
3	5								
4	5								at 4 am starting
5	5		W a w S W		1				
6	5								
7	5								at 9 am weather light breeze
8	5								at 11 am docked by Lupin & Reefed Marsee
9	5								This day Ends with heavy gales & squalls of Rain
10	5								
11	5								
12	5								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W a w	111	40	102	33 20	20	2 W	121		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	5		W g a	S w g h	2				This day commences with a heavy gale of wind & squalls & Rain
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4		West G a	S w g h	3				
9	4								
10	4								
11	3								
12	3		a w	W S W	3				
1	2								at 11 am more moderate at 2 M turned two Reefs from Mainmast and hauled them up S. S. 4 Reefs topped the mast & Reels & Luffs heavily packed two Shrouds of fore Rigg at 4 am all hands engaged in getting up & hauler to mast head for a Supper but later
2	2								at 8 am Tacked Ship This day Ends with strong winds & heavy seas Repairing Main Mast at 12 M Tacked Ship
3	3								
4	3								
5	3								
6	3								
7	4								
8	4								
9	3		g g	S w g h	2				
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W g a / S w	13	11	41	33 31	33 20	2 West	19		



## Journal from

Maclear

towards Banger

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		NW by W	SW by W	2				This day commences with
2	3								ex fresh breeze & pleasant
3	3								weather heavy sea running
4	3								Put another hammock aloft
5	3								to support fore mast
6	3								
7	2								
8	1								at 9 PM calm
9	1								
10									
11									
12									
1									
2									
3									
4									
5									
6									
7									
8	1		NW by S	East					at 8 am light breeze
9	2								in Bent jib for Repair
10	2								
11	2								This day commences with a
12	2								light breeze & Pleasant

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW by N	28	3	27	53 34	40	2 West	33		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		NW by S	East					This day commences with
2	3								a light breeze & Ples
3	3								ny clouds
4	4								
5	4								
6	4								at 5 PM Bent jib
7	4								
8	4								at 8 am Cloudy & Squally
9	3								
10	2								
11	1								
12	1								at 12 calm & squalls of
1									Rain
2									
3	1		NW by S	SE					at 8 am light breeze
4	1								
5	2								
6	2								
7	2								
8	3								at 8 am light breeze & Ples
9	3								ent weather & A. breeze
10	3								Shuddysail
11	3								
12	3								This day commences with light

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW by W	50	36	45	32 58	32 50	2 West	55		



Journal from Massachusetts

Towards Bangor

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		WSW	84					Sat 23 day of October 1869
2	3								This day commenced with
3	4		SW	84					as light mist & clear
4	4								at mention
5	4								
6	4								
7	3								
8	3								
9	3								at 9 Pm light mist
10	2								for mist.
11	1								
12	1								
1	1								
2	1								
3	1								
4	1		SW G W	84					
5	1								
6	1								
7	1								
8	1								at 4 Am S. by N. mist
9	2								Stuck in sand
10	2								
11	2								This day ends with light
12	2								mist & pleasant weather.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 20 W 1/2	49	23	23	32 15'	32 00'	2 West			

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	3		SW	SE					Jan 24 day of October 18 69
2	3								This day commences with
3	3								be by the wind & pleasant
4	3								weather all day Set.
5	3								
6	3								
7	3								
8	3		WSW	SSW					
9	3								
10	3								
11	3								
12	3								
1	3								
2	3								
3	3								at 3 am squally & heavy
4	3								haze in light sails
5	3								
6	3								
7	3								
8	3								
9	4								
10	4								
11	4								This day ends with Rain
12	4								& squalls & heavy weather
									quits bearing from S to SE

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob
S. W. by W.	75	48	45	2714	Pro	2 West	53		



# Journal from *Kaiden*

towards *Bangor*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	4		W 8 W	8 E					<i>Mem 21 day of October 18</i> this day commences with Rain Squalls & Hurricane blowing from SSW by East at 4 P.m. Repeat running & puller power & left Sails
2	4								
3	3								
4	3		W 8 W	8 E					
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								
1	3								this day ends with Cloudy threatening weather & light breeze but Pups well attended
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W 3/4 S	71	10	70	31 7	31 0	2 W	42		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		W 3/4 N	3 E					<i>Yves 22 day of October 18</i> this day commences with a light variable breeze & cloudy weather
2	4								
3	4								
4	4								
5	5								
6	5								
7	5								
8	5		W 3/4 N	3 E					
9	5								
10	5								
11	5								
12	5								
1	9								at 8 P.m. Cloudy & Rain strong winds
2	9								
3	9								
4	9								
5	9								
6	9								
7	9								
8	9								
9	9								
10	9								
11	9								
12	9								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
West	171	0	171	31 07	31 07	1 1/2 W	200		



## Journal from

Mactura

towards

Bangor

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	9		Wbna	ESE					<p>Sept 27 day of October 18</p> <p>This day commences with a strong gale of wind &amp; Rain with squalls</p> <p>at 6 Pm weather very murky</p> <p>at 8 Pm weather very murky</p> <p>at 12 M. heavy squalls &amp; breeze of wind but all previous</p> <p>at 4 the heavy gales</p> <p>at 8 ditto &amp; Rain. M. heavy squalls</p> <p>at 8 30 Pm rain &amp; squalls</p> <p>This day ends with heavy gale &amp; Rain in squalls with hail &amp; sleet</p>
2	9								
3	9								
4	9								
5	9								
6	9								
7	9								
8	9								
9	9								
10	9								
11	9								
12	9								
1	9		Wbna	SE					<p>at 12 M. heavy squalls &amp; breeze of wind but all previous</p> <p>at 4 the heavy gales</p> <p>at 8 ditto &amp; Rain. M. heavy squalls</p> <p>at 8 30 Pm rain &amp; squalls</p> <p>This day ends with heavy gale &amp; Rain in squalls with hail &amp; sleet</p>
2	9								
3	9								
4	9								
5	9								
6	9								
7	9								
8	9								
9	9								
10	9								
11	9								
12	9								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
WGS	154	30	151	3037	3041	1/2 W	177		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	8		Wbna	SE					<p>Sept 28 day of</p> <p>This day commences with a strong wind &amp; heavy sea &amp; Rainy</p> <p>at 8 Am weather more</p> <p>at 12 M. heavy squalls &amp; breeze of wind but all previous</p> <p>at 4 the heavy gales</p> <p>at 8 ditto &amp; Rain. M. heavy squalls</p> <p>at 8 30 Pm rain &amp; squalls</p> <p>This day ends with heavy gale &amp; Rain in squalls with hail &amp; sleet</p>
2	8								
3	8								
4	8								
5	8								
6	8								
7	8								
8	8		WGS	SE	1/2				
9	8								
10	8								
11	8								
12	8		WGS	SE	1/2				
1	8		WGS	SE	1/2				<p>at 8 Am weather more</p> <p>at 12 M. heavy squalls &amp; breeze of wind but all previous</p> <p>at 4 the heavy gales</p> <p>at 8 ditto &amp; Rain. M. heavy squalls</p> <p>at 8 30 Pm rain &amp; squalls</p> <p>This day ends with heavy gale &amp; Rain in squalls with hail &amp; sleet</p>
2	8								
3	8								
4	8								
5	8								
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
WGS	115	44	106	2950	2946	1/2 W	128		



Journal from *Maclure* towards *Berryer*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	4		88W	West	1/2				This day commences with a light breeze & pleasant weather
2	3								
3	3		W		1				
4	3								
5	2								at 10 Pm making short sails light two Reefed mainsail
6	2								
7	1								
8	1								
9	1								at 9 Pm fresh breeze & cloudy weather
10	3								
11	3								
12	3								
1	4								at 2 Pm strong winds & squalls weather light sails at 3 Pm under
2	4								
3	2								
4	0								
5	0								at 4 am light sails touch Bait from ship to check one man back by being stuck by the jugs & back
6	0								
7	0								
8	1		W	East					
9	3								This day ends with a light breeze much & Rainy weather
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	40	9	89	29 55		1 1/2 W		45	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	4		W	East					This day commences with a light breeze with Rain & squalls winds heavy to East.
2	4								
3	4								
4	4								
5	4								
6	4								
7	3								
8	3								
9	2								
10	2								
11	2								
12	2								
1	2								at 12 M light winds & Rain all weather
2	2								
3	2								
4	2								
5	3								
6	3								
7	3								
8	3								
9	3								This day ends with a light breeze & pleasant weather all day sail set
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	87	7	68	30 2	40	1 1/2	11		



# Journal from

Maclean

towards Baring

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	8		to Gabriel East						Sun 31 day of October 18 This day commenced with light winds & pleasant weather on Port Moresby & Repulse when observed
2	8								
3	8								
4	8								
5	8								
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8								
1	2								at 8 Pm light Run Squalls
2	2								
3	2								
4	2								
5	8								
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8								
1	2								at 4 Pm Pleasant weather quite steadily to Little Port
2	2								
3	2								
4	2								
5	8								
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								
12	8								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
Course.	64	0	64	30 2	30 5	1 1/2	74		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		to Gabriel 88 W						Mon 7 day of November 18 This day commenced with light winds & pleasant weather all day set
2	4								
3	4								
4	5								
5	5								
6	6								
7	6								
8	6								
9	6								
10	7								
11	7								
12	7								
1	7								at 8 Pm first Breeze
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	7								
9	6								
10	6								
11	6								
12	6								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
Course.	139	27	136	30 29	30 37	1 1/2	137		



# Journal from Macassar

Towards Bangar

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	6		to 88	884	2				Nov 2 day of October 1869 This day commences with a strong breeze & heavy hail Sea very rough with heavy swell
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								at 8 P.M. winds increase weather threatening back in gale A. for 10 P.M. & 8 Reefed Main sail
9	3								
10	3								
11	3								
12	2								
1	2		Rest	Swat	6				at 1 P.M. hauls gals of milk bock in pressure & Main 8 P.M. & 4 Reefed Main sail ship & haul too
2	2								at 4 am Tides & Kary at 6 30 P.M. gale (after tea air & Main 8 P.M. at 8 light hails at 2 Reefed Main sail & 4 P.M.
3	2								
4	2								
5			This fine hour I pulled 6 miles to the S. E. for ship & house of deer						
6									
7									
8	0		at 10	most	3				
9	2								
10	2								
11	2								This day ends with light breezes & heavy sea with Kary hails
12	2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W. by N.	5.8	0	6.7	8035	8036	1/2 N.	0		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		a b/w	a b/w	2				Weeks 3 day of November 1869
2	2								This day commences with a
3	2								light air of breeze & a
4	2								heavy sea. Run for the at
5	0								at 4 P.M. hauled again
6									fore & aft sails. Calm
7			for this 12 miles	calm					
8			I pulled 18 miles on a	calm					
9			Case true						
10									
11									
12									
1									
2									
3									
4									at 4 am light breeze
5	2								at 4.30 S. at main due S by
6	2								Sails & jibs under way
7	5								
8	8								
9	8								at 8 am by light breeze
10	2								& Rain
11	2								This day ends with light
12	2								breeze & Rain. heavy sea. Run for the at

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S. by W.	22	19	24	8026	40	1/2	28		



## Journal

from *Oran*

towards

*Bangor*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		W by N	E a E					This day commences with light breeze & slightly weather heavy sea running
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								
1	3								at 9 AM set course in S by S winds, light breeze under all good breeze
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								
1	3								This day ends with a good breeze & pleasant weather smooth sea all day set
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								

Course.

Distance.

Diff. of Lat.

Departure.

Lat. by D. R.

Lat. by Ob.

Variation.

Diff. of Lon.

Lon. in

Lon. by Ob.

W by S

98

10

98

3026

3029

1 1/2

109

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	6		W by S	W					This day commences with a good breeze & a smooth sea all day set
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								
1	7								at 2 PM set course at 4 PM took in main top mast - Bangor
2	7								
3	9								
4	9								
5	9								
6	9								
7	9								
8	9								
9	9								
10	9								
11	9								
12	9								
1	9								This day ends with a strong breeze & pleasant weather
2	9								
3	9								
4	9								
5	9								
6	9								
7	9								
8	9								
9	9								
10	9								
11	9								
12	9								

Course.

Distance.

Diff. of Lat.

Departure.

Lat. by D. R.

Lat. by Ob.

Variation.

Diff. of Lon.

Lon. in

Lon. by Ob.

W by S

178

7

175

3019

3019

1 hour

28



## Journal

from *Australia*towards *Bangor*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	9		W by N	W by E					Sat. 6 day of November 1869 This day commences with a fine sunset & pleasant weather all over set
2	9								
3	9								
4	9								
5	9								
6	9								
7	9								
8	9								
9	6								
10	6			W by N					
11	6								
12	6								
1	5								Sun 7 day of November 1869 at 8 Pm more moderate at 10 Pm sun's setting  at 4 am light breeze  at 10 am light breeze S. winds this day
2	5								
3	4								
4	4								
5	3								
6	3			W by N					
7	3								
8	3								
9	3								
10	2								
11	2			E by S					
12	2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W by N	130	0	130	30 19	30 19	4 N	16 1		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		W by N	S by E					Sun 7 day of November 1869 This day commences with a very light breeze & pleasant weather sun's bearing & hauls from East to South at 4 Pm Breeze sprang up set all down at 7 Pm touch in Man. Sails Saysam at 8. Masts freshen taken in. Gaff hauled & masts Saysam at 10 Pm take in Saysam & fly jib at 12 M. sun's increasing Ruffet top sail & 3 Reefed main sail at 1.30 Pm Sails in S. sail & Shift of main S. sail fore sail & Blow Main Sailsail Entirely away  at 4 Am freshen. Sails blowing again heavy sea Run down Rocks & labors having Sails well attached. Light Sails S. winds this day
2	2								
3	2								
4	2			S by E	1/2				
5	3								
6	4								
7	8								
8	8		W by N	S by E	1/2				
9	9								
10	9								
11	9								
12	7								
1	6								
2	4		W by N	S by E	3				
3	3				3				
4	3		S by E	S by E	3				
5	3								
6	3		S by E	W by E	3				
7	3								
8	3								
9	3		S by E	W by E	2				
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W by N	75	5	75	30 24	30	4 N	88		



## Journal from

Maclara

towards

Bangor

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	8		8 W 8	a w 8	2				This day commences with a heavy gale of wind & passing clouds at 12 M set in pouring at 4 Pm set in flying at 7 AM set in flying at 10 Pm winds much lower in flying jib
2	8								
3	4		8 W	w 8	2				
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								at 12 M 8 long gales & high seas become Roars heavily
12	4		8 W	west	2				
1	4								
2	4								
3	4								
4	4								at 8 AM set 2 Reefed mainsail & flying jib
5	4								
6	4								
7	4								
8	4								
9	4		8 W 8	a w 8					this day ends with high winds & 8 seas Puffs well stretched
10	4								
11	4								
12	4								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
8 W 8	92	91	5'	2858	2858	1/2 W	5		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	4		8 W 8	a w 8	1				This day commences with fresh gales & high seas
2	4								
3	4								
4	4								
5	4								
6	4								at 8 Pm more moderate set single Reefed mainsail & elegansum
7	4								
8	4								
9	4		8 W 8	a w 8	1				
10	4								
11	4								at 4 am Maelstrom winds & high seas
12	4								
1	4								
2	4								
3	4								
4	4								This day ends with Maelstrom winds & 8 seas Puffs well stretched
5	4		W	a w 8	1				
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
8 W 8	81	67	47	2746	2740	1/2 W	5 1/2		



# Journal from Macleura

Towards Bangor

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	Weeks to	day of	18
						Air.	Water.					
1	3		W	W					This day commences with a light wind & heavy sea. Biscuit Roasts & Cakes have been prepared & put up in heavy 3 lb & 8 lb tins at all hands engaged in Repairing Main Sails.	Weeks to	day of	18
2	3								at 5 Pm Calm set in. Bent Main Sails & put up in at 11 Pm. Gt huts & heavy seas			
3	3											
4	2											
5	1											
6			Calm									
7												
8												
9												
10												
11												
12	2		W	W								
1	3											
2	3											
3	3											
4	3								at 4 am huts put up & little weather & clear air			
5	4											
6	4											
7	4											
8	4											
9	6'								at 8.30 am huts hauled to the South west			
10	5'								This day ends with a good Breeze & all sails set			
11	5'											
12	6'											

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	62	5'	62	27° 55'	27° 55'	W	70		
H K F	COURSES.	WINDS.	LEEWAY.	Thermometer. Air. Water.		Barometer.	REMARKS.	Thurs 11 day of November 1869	
1	5'	W					This day commences with a good Breeze & Pleasant weather all sails set		
2	5'								
3	5'								
4	6'								
5	4	W							
6	4								
7	4						at 5 Pm huts bearing & hauling from 8 W to W 8 W		
8	4								
9	4								
10	4						at 10 Pm fresh Breezes finding. Sails & Ryeing as at Port London. Conclude to Bore up for St. Marys		
11	4								
12	4								
1	6'								
2	6'								
3	6'								
4	7								
5	7						at 4 am Ship huts & thrust strong weather both in top mast & Stays		
6	7								
7	7								
8	7								
9	7								
10	6						at 8 Am Squally & threatening South Rain		
11	0						at 10 am Sudden change of wind in Squall & then calm		
12	0						This ends this day		
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	112	11	111	28° 5'	28°	W	126		



H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of November 1869	H
						Air.	Water.				
1									This day commences with a calm & Rain with a heavy Sea Runny all fore & aft sails down		1
2											2
3											3
4											4
5											5
6											6
7									at 4.30 Pm light breezes & clear weather		7
8	2		West	East							8
9	/										9
10	/								at 10 Pm calm		10
11											11
12											12
1									at 2 Am very light breezes		1
2	1		West	SE							2
3	/										3
4	/										4
5	/										5
6	/										6
7			calm						at 6 am calm Pleasant weather		7
8											8
9											9
10	/		West	SE					at 9 am very light breezes		10
11	/										11
12	/										12
Course.		Distance.		Diff. of Lat.		Departure.		Lat. by D. R.	Lat. by Ob.	Variation.	
West		12		SE		N		2806	2804	N	

H		K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	day of	18	H
							Air.	Water.			Sat 13	November	69
1	1			W 8 W	W	2				This day commences with a very light breeze of wind & Pleasant weather pure and aft sails down & sheeted sails set on main in place of hauls			1
2	1												2
3	1												3
4	2												4
5	2												5
6	2												6
7	2												7
8	2									at 8.30 Pm Slay Breeze			8
9	6			West	W 8 W	1				Set all down			9
10	8												10
11	8												11
12	8												12
1	8												1
2	8									at 2 am breezes & gusts			2
3	7												3
4	7												4
5	7												5
6	7												6
7	6												7
8	6									at 8 am light breezes & Pleasant weather Milder weather			8
9	6									Stays well attached back			9
10	6									So ends this day (Slight)			10
11	3			W 8									11
12	3												12

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in Lon. by Ob.

W 8 W

120

30

115

2736

2738

N

131



## Journal

from

Maclean

towards

Bangor

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		West	East					Sun 4 day of November 18 This day commences with a light air of wind & pleasant weather fore & aft sails, parted these breeches & 3 by 4 at 4 P.M. sails increasing at 8 P.M. fresh breeze all over at 12 M. strong breeze at 8 A.M. sudden squall 8 P.M. light weather sails & parted then from 4 to 8 A.M. heavy squalls from all quarters with rain at 5 A.M. in the afternoon 4 hours at 8 A.M. strong winds make all sail This day ends with strong winds & heavy clouds
2	2								
3	2								
4	2								
5	3								
6	3								
7	3								
8	3		West	South					
9	6								
10	6								
11	7								
12	7								
1	7								Sun 5 day of November 18 at 8 A.M. sudden squall 8 P.M. light weather sails & parted then from 4 to 8 A.M. heavy squalls from all quarters with rain at 5 A.M. in the afternoon 4 hours at 8 A.M. strong winds make all sail This day ends with strong winds & heavy clouds
2	7								
3	8								
4	7								
5	8								
6	2		W. by N.	W. by S.	1				
7	3								
8	3								
9	6								
10	6								
11	6								
12	6								

Course.

Distance.

Diff. of Lat.

Departure.

Lat. by D. R.

Lat. by Ob.

Variation.

Diff. of Lon.

Lon. in.

Lon. by Ob.

W. by N.

45

30

69

285

2808

No

79

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	6		W. by N.	W. by S.	1				Mon 15 day of November 18 This day commences with strong winds & heavy clouds at 2 P.M. parted ship. sails gradually heaving to North at 5 P.M. got 1/2 R. parted & set at 8 P.M. strong winds from the W. at 8.30 winds East at 7 winds with This day ends with a good breeze & pleasant weather
2	6								
3	6		W. by N.	W. by S.	1				
4	6								
5	6		West	W. by S.	1				
6	6								
7	6								
8	6		W. by N.	W. by S.					
9	7								
10	7								
11	7								
12	7								
1	6								Mon 16 day of November 18 at 8.30 winds East at 7 winds with This day ends with a good breeze & pleasant weather
2	6								
3	6								
4	6								
5	4								
6	4								
7	4								
8	4								
9	6								
10	7								
11	7								
12	7								

Course.

Distance.

Diff. of Lat.

Departure.

Lat. by D. R.

Lat. by Ob.

Variation.

Diff. of Lon.

Lon. in.

Lon. by Ob.

W. by N.

97

99

97

2825

2828

No

110



## Journal from

Mendocino

towards

Brazier

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	5'		W Ga	as e					This day commences with a
2	5'								gent breeze & all sail set.
3	5'								
4	5'								
5	5'								at 4 Pm winds freshen
6	5'								
7	5'								
8	5'								
9	5'		to W						
10	5'								
11	5'								
12	5'		W Ga	as e					
1	5'								
2	5'								at 12 M winds hauling weather
3	5'								pleasant
4	5'								
5	5'		18017	16542					
6	5'		17920	47					
7	5'		47	16593					
8	5'								
9	5'								
10	5'								This day ends with a strong
11	5'								W & passing clouds
12	5'	X							all crewy sail set

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W Ga	140	46	131	2910	no	no	180		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	9		W Ga	as e					This day commences with a strong
2	9								W & heavy S. sea breeze
3	9								Roals hauled
4	9								
5	9								at 4 Pm sail hauled from
6	9								4 to 5 got out there
7	9								
8	9		W Ga	as e					at 8 Pm gales backing Squalls
9	9								& 3 Reefed mainsail
10	9								at 10 Pm Reefed topsail
11	9								at 11.30 hauled in jib & there sail
12	9			88					
1	9	X							
2	9								at 2 Pm hauled in topsail
3	5'								hauled Blowing again & there
4	5'								weather there at 5 Pm
5	4								Squalls & swell from the N W
6	0								from 5 to 10 Pm squalls from all quarters
7	3		W Ga	as e	/				with thunder & lightning & rain
8	3								at 5 Pm 3 to 4 W Squalls with
9	3								set 8 Reefed mainsail & topsail
10	4								& jib at 8.30 8 Pm jib & hauled
11	4								it clear this day ends with
12	4								strong gales & heavy sea at 12 M

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W Ga	164	52	154	3002	no	no	174		



## Journal

from

Merclenne

towards

Bennyer

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		W	West	2				This day Amies with
2	3		SSW	West	2				at 8 by Amies with Kew
3	3								+ Squalls at 2 in the
4	3		SSW	West	2				Ship Amies gradually
5	3								hurry to the N
6	4								
7	4								
8	4								at 5 Am Amies with
9	4								Ship Buses very slow
10	4								
11	4								
12	4								
1	4		West	West	2				
2	4								
3	4								
4	4								at 4 Am Amies with
5	4								Ship Buses very slow
6	4								
7	3								
8	3								
9	3								
10	3								
11	3								This day Amies with
12	3								by Pleasant weather a heavy

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		West	W	2				This day Amies with
2	3								light Amies + Pleasant weather
3	3								
4	3		West	W					
5	2								
6	2								
7	2								at 8 Am Amies with
8	2								Ship Buses very slow
9	2								
10	2								
11	2								
12	2								
1	2		W	W					at 12 Light Amies with
2	2								from N to E.
3	2								
4	3								
5	3								
6	3								at 5 Am Amies with
7	3								Ship Buses very slow
8	3								
9	6		W	W					at 9 Am Spoke the Steamer
10	6								Lab of Baltimore + got a
11	6								Barrel of Biscuit
12	6								

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

W 1/2 W 93 51 77 3043 3043 40 88 8104



Journal from Kulerece

Towards Beacon

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Sat 20 day of November 18	H
						Air.	Water.				
1				South					This day commences with a strong breeze from the South at 2 Pm clouds & thunder at 4 Pm fresh gales get on shore Ready for sea & leave harbor times at 6 Pm King & Whiting make the light at Cumberland island at 5.30 Sudden change of winds & heavy squall with rain light sails & reefed mainsail. Whipsaw & fly in jib & jib put in fore ship & hauled to the South at 2 Am make the light at St Marys at 8 Am more ship & at 10 Am sail for sea & jib at 5. Am set under report mainsail & fly in jib at 8 Am hauled ship & fly in knots from the West this day knots with a strong gale & clear with the Cumberland Island light Bury at 12 miles distant - Bury West - level 100	1	
2											2
3											3
4											4
5											5
6				or east							6
7											7
8											8
9											9
10											10
11											11
12											12
1											1
2											2
3											3
4											4
5											5
6											6
7											7
8											8
9											9
10											10
11											11
12											12

[illegible][illegible][illegible]



# Journal from

towards

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Engaged to go in the Brig with Cap Gorham Jan 12/70 B Palmer  
R Barnett J Stevens Daniel Brown Alexander McMiner  
in Charleston So Ca. Crew engaged by B Palmer Mate  
by order of Cap Gorham

Left Charleston Jan 14<sup>th</sup> Met Cap Gorham in Savannah the 15<sup>th</sup> arrived in  
Fernandina 16<sup>th</sup> took a small boat and rowed to St Marks left St Marks  
at 3 pm. 17<sup>th</sup> and pulled up the river to Kings Ferry arrived there on board  
of the Brig about 12 meridian 17<sup>th</sup> and commenced duty on board  
B Palmer Mate

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Cotirse. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.



H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1			Brig	Executive	Capt.	Gosham			Bound for Barbadoes & Market		
2			Jan 17	Laying at Kings Ferry.	St. Mary River La.	Loading					
3			The Following Persons commenced Duty on board as Part of the Crew								
4			Burrows Palmer 1 <sup>st</sup> Mate								
5			Robert Barnett 2 <sup>nd</sup> Mate								
6			James Stevens Seaman								
7			David Brown "								
8			Alexander McMin "								
9			Thomas Clark " on board since Decr 24 /69								
10			Jan 18	Waiting for Cargo.	Dried Sails.	Stowed & Filled	Water Casks &				
11			Wednesday Jan 19 Fine Weather								
12			Recd from down the river one Lighter containing about 40,000 ft Lumber and commenced taking it in took in 7,970 ft. Pumps Attended to								
1			Thursday Jan 20 Fine Weather but Foggy. Took in 16,393 ft. of Lumber. Caulked the Ports & Main hatch took in part of Deck load got on board 2 1/2 Boards Firewood pumps Attended to Vessel Light Making but 5 inches water								
2			Sailey								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1			Sunday Jan 21	Fine Weather	Took in 16,473 ft. of Lumber						
2			Two men gone up the river for the other Lighter to finish Loading the rest of the Crew Picking up & Bringing off Firewood								
3			Saturday Jan 22 Drizzly rain got off 4,391 ft. of Lumber from the mill & 6,298 ft. Lumber from the Lighter complicated the Deck Load filled up Water Casks got off more Firewood & Pumps Attended to.								
4			Sunday Jan 23 Fine Weather At 12 Mers hove up the anchor And the Row boat Flora Temple took us in Row Down the river & Pm Thick Foggy grounded on a mud bank 3 miles above St. Marys Dropped anchor Pump Ship & Set anchor watch								
5			Monday Jan 24 First Part Foggy Middle Part fine Last Part strong breeze rain 9 Am "Jug came and towed us Down to St. Marys anchored with 12 fath. cable secured the Deck Load and got ready for sea bent New Main stay sail Pumps regularly attended to								
6			Tuesday Jan 25 Strong Westerly Wind Took the Jug C. J. Shephard & towed Down and anchored in the Mouth of Parindina River with 30 fath. Best lower Chain. Captain & 3 men went ashore for Vessels Stores & Brought off one Boat load. The Cook & Steward left & took his Discharge Pumps regularly attended to								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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# Journal from Laying at Fernandina Towards

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1									Wednesday Jan 26 Fair Fine Weather.		
2									Crew Employed in getting ready for sea and getting off stores got		
3									off all the stores. Pumps regularly attended to		
4											
5									Thursday Jan 27 First Part Cloudy Stowed away		
6									the stores & getting Deck Load Secure Last Part Heavy rain.		
7									Pumps attended to		
8									Friday Jan 28 Fine weather first Part Foggy, wind S E,		
9									Men Variousley employed getting ready for sea rove off topgallant Braces main		
10									Peak Halliards & took topgallant Braces (down) and rove off maintopmast Staysail		
11									halliards Dried & furled sails &c Pumps attended to. Lee Ray came on board		
12									as Boy.		
1									Saturday Jan 29 Fine Weather repaired the fore topgallant sail		
2									rove new clewline. & main Staysail Halliards caulked the fore hatch took		
3									in the Boat, at 4 P.M. Steady Breeze W. N. W. Pilot came on board		
4									rove up the anchor & proceeded down the Channel at 5.30 P.M. Wind Light		
5									Flood tide. Set go the anchor clewed up sails Tied out 20 Faths best lower		
6									cable. Set an anchor Watch. Pumps attended to		
7											
8									Sunday Jan 30 Fine weather. Light wind N. E. at 7 am		
9									not able to cross the Bar on acct of wind being ahead rove up the anchor and ran		
10									back to the anchorage. in St. Marys Sound. Anchored in 3 faths water with		
11									30 fathoms, Port, cable furled sails. Pilot & Capt. gone ashore,		
12									Pumps attended to.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1									Monday Jan 31 Light Air & Calm. wind varying round the compass		
2									Rove off new Lower Topsail & Starboard Fore Braces. Putting on Chafing gear &c		
3									Pumps attended to		
4											
5									Tuesday Feb 1 <sup>st</sup> Steady Breeze from N N W. 7.30. Am		
6									the Pilot, on board rove up the anchor. Made all sail. and proceeded		
7									out to sea. at 8.40 Passed the outer Bar Bouy. at 9 am Discharged the		
8									Pilot. took in the anchors, & secured them. Vessel Leaking a little.		
9									more since out to sea. Pumps attended Every hour.		
10									Having Steered East Course made good 17 miles		
11											
12									Lat 30 25 Long 81. 2 West		
1									This Day Contains but 12 Hours to Commence sea time		
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

P. Palmer

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from St. Marys River Ga. towards Barbadoes or h Market  
Nautical Time

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	3		East	N.N.W					Wednesday 2 <sup>d</sup> day of February 1870 The first Part Fine weather and Steady Breaze all Possible sail Stowed away the cables & Various other Jobs
2	3		"	"					
3	2	5	"	"					
4	2	5	"	North					
5	2	5	"	"					
6	2	5	"	N.N.E					
7	2	5	"	"					
8	2	5	"	East					
9	2		S.S.E	to					
10	2		"	S.E					
11	1	5	"	"					
12	1	5	"	"					
1	1		S by E	"					Middle Part Light Baffeling Winds  Last Part Light winds Variable.  Sallow 48 Miles N by E for gulf stream current Pumps attended to
2	1		"	"					
3	1		"	"					
4	1		"	"					
5	1		"	"					
6	2		N.N.E	East					
7	2		"	"					
8	2	5	"	"					
9	2	5	"	"					
10	3		"	"					
11	3	5	"	"					
12	3	5	"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 32 East	63 Miles	49 N	88 East	31. 14	31. 17	#	43 East	80. 17 W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	2		N.E	East					Thursday 3 <sup>d</sup> day of February 1870 The whole of this Day Fine weather Light Baffeling winds Standing to S.E. all sail set At 6 PM Light sudden gusts wind Cloudy took in all light sail tacked Ship  at 10 PM tacked Ship to Southward Eastward at 2 Am tacked to South E " 4 Am tacked to N.E " 7 " tacked to South " 9 Am tacked to N.E  Current setting 2 1/4 knots N E 1/4 N  Men Variousley Employed. Pumps attended to every hour No morning sights for Chro Cloudy
2	2		"	"					
3	2		"	"					
4	2		"	"					
5	2		"	"					
6	2		"	"					
7	2	5	South	E.S.E					
8	2	5	"	"					
9	3		"	"					
10	3		"	S.S.E					
11	3		East	"					
12	2		"	"					
1	1	5	N.E by N	E.N.E					
2	1	5	"	"					
3	2		S by E	E.S.E					
4	2		"	"					
5	2		N.E	"					
6	2		"	East					
7	2		"	"					
8	2		S by E	"					
9	2		"	"					
10	2		N.E	"					
11	2		"	"					
12	3		"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 54 East	75 Miles	43. 40 N	61. 32 E	31. 38	31. 38		1 12	79 3 W	



# Journal from St Marys River Ga

towards Barbadoes or Market

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	Sunday 4 <sup>th</sup> day of Feb 1870
						Air.	Water.			
1	2	3	N E	East					This day begins with light winds, fine weather, but cloudy all sail set	
2	2	3		to S E						
3	2	3								
4	2	3								
5	3	3	E by N	S E					At 4 Pm squally with rain At 7 Pm fresh Breeze squally threatening weather took in all light sail Put 3 reefs in the main sail and set it again Tried the upper topsail	
6	3	3		East to						
7	4		N E	S E						
8	4									
9									Midnight Strong Breeze heavy rain	
10										
11				E N E						
12	4		S E							
1	4								At 9 Am Blowing a Gale of wind rain squalls shortened sail accordingly	
2	3		S E by S	East						
3	3									
4	3									
5	3		S S E						At 11 Am Strong S E Gale hove too under 3 reefs Main sail & Fore topmast stay sail so to the end	
6	3									
7	3									
8	3									
9	3								Pumps kept as constantly as possible going Vessel Leaking very much	
10	2		N E							
11	2									
12										

Allowed in the Courses

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 73 East	76 miles	22.8	72.8	32.21			1.26 E	77.39 W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	Saturday 5 <sup>th</sup> day of February 1870
						Air.	Water.			
1				S E		73		29	The First Part of this Day Blowing a Gale of wind from S E. heavy Rain hove too Under 3 reefs Main sail & Fore topmast stay sail Very heavy running cross Sea Parted the lashings of the Deck Boards & Lost a Part of it overboard about 3000 Feet	
2										
3			N N W	South						
4	1		E S E 1/2 E	S W						
5	1	3		N S W					At 3 Pm Wind More Moderate hauling more to the Southward set the main stay sail & Lower topsail At 4 Pm set the upper top sail. At 5 Pm set the Fore sail & took in & curled the main sail.	
6	3									
7	4									
8	6									
9	6								Middle & Last Part Strong Breeze from the Westward	
10	6									
11	6									
12	6									
1	6								Vessel Leaking very Bad scarcely able to keep her free Both pumps going	
2	6									
3	6									
4	6			West						
5	6								Ends more Moderate both wind & sea	
6	7			W by S						
7	6									
8	3									
9	3								Current 36 Miles N E by E	
10	3									
11	3			N N W						
12	3									

Shipmen Stephen Barker, Bennett, Edmund, Gabriel, Hale.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 88 East	131 miles	4. South	130. 2. E	32.47	32.16	none	2 34 E	78. 3 W	



Journal from St Marys River Ga

Towards Barbadoes or A Market

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	6		E 1/2 S	W S W	Allowed in the Courses				Sunday 6 day of February 1870 The first Part of this Day Moderate breeze Fine weather running under short sail on account of Sea & Vessel Leaking Bad
2	7		"	"					
3	7		"	"					
4	6		"	"					
5	5		"	"					
6	5		"	N S E					
7	5		E S E	to					
8	5		"	S E by S					
9	4		E 1/2 S	"					
10	3	5	"	"					
11	3	5	"	"					
12	2	5	"	"					
1	2	5	"	"					Middle Part Light winds & Foggy Drizzle rain
2	3	5	"	"					
3	3	5	"	"					
4	4		"	"					
5	4		"	"					Last Part Light Winds Passing Fogg Banks with frequent showers of small rain heavy swell of a sea, made all sail requisite Pumps regularly attended
6	4		"	"					
7	4		"	"					
8	4		"	"					
9	3		"	"					Current East 1 mile Per Hour & Not a good Horizon so Fogg
10	3		"	"					
11	3		"	"					
12	3		"	"					
						71		29.3	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 84 East	179 miles	11. 6	114. East	32. 5. S	32. 1. N	None	2. 19 E	72. 4. 6 W	None

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	4		East	North to S E by E					Monday 7 day of February 1870 Moderate winds Fine Weather with Passing Fogg Banks all requisite sail set  Squales  At 11 P.M. Took in the Topgallant sail  Midnight more moderate  Set Topgallant sail  Set the Main top mast staysail  Last Part Light winds Pleasant weather but Cloudy Pumps Carefully attended to Vessel Not Leaking so much
2	4		"	"					
3	5		"	"					
4	5		"	"					
5	6		"	"					
6	6	5	"	"					
7	6	5	"	"					
8	7		"	"					
9	7		"	"					
10	7		"	"					
11	7		"	"					
12	6		"	"					
1	5		"	"					Set the Topgallant sail
2	3	5	"	"					
3	3	5	"	"					
4	3		"	"					
5	3		"	"					Set the Main top mast staysail
6	3		"	N S E	1/2 Point				
7	3		"	"	"				
8	4		"	"	"				
9	3		E 1/2 S	"	"				Last Part Light winds Pleasant weather but Cloudy Pumps Carefully attended to Vessel Not Leaking so much
10	3		"	"	"				
11	2	5	"	"	"				
12	2	5	"	"	"				
						72		29.33	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 84 East	120 miles	Diff 3. 5	109. 7. E	32. 01 S	31. 5. 8	2 West	2. 9 East	70 37 West	



## Journal from St Marys River Ga

towards Barbadoes &amp; Market

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	# day of	1870
						Air.	Water.				
1	2		E S E	N E	1/2 P				The first Part of this Day Light Winds	Tuesday 28	February
2	2		"	"	"				fine Pleasant weather all requisite sail		
3	3		S E	E N E	"				set		
4	3		"	"	"						
5	3		S S E	East	"						
6	3		"	"	"						
7	3	5	S E by E	E N E	"						
8	3	5	"	"	"				At 4 PM Jacked to the N. & Eastward		
9	4		E by N	S E	"						
10	4		"	"	"				10 PM took in all Light Sail		
11	4		"	"	"						
12	4		East	S S E	"				Midst Fresh Breeze & Squalls with Light		
1	4		"	"	"				misty rain. Cloudy		
2	4		"	"	"						
3	5		"	"	"						
4	6		"	South	"						
5	6		"	"	"				The Last Part heavy Squalls of wind		
6	5		"	"	"				& rain.		
7	5		"	"	"						
8	6		"	"	"				Pumps regularly attended to		
9	6		"	"	"				Vessel Leaking heavy		
10	6		"	S S W	"						
11	7		"	"	"				Horizon very Bad		
12	7		"	"	"	29		29.1 1/4	Took in the Main Sail		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 87° East	9 1/2 miles	4. 8. 5. 97. 8. 6. 8	32. 6. 8	32. 4. 2	4 West	1. 5. 5. 6. 4	6. 8. 4. 2		

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	# day of	1870
						Air.	Water.				
1	6		E by S	S S W					The Whole of this Day blowing a	Wednesday 1	February
2	6		"	"					gale of wind accompanied with heavy		
3	6		"	"					rain squalls At 1 PM took in the		
4	7		"	"				29.	Upper topsail		
5	7		"	"							
6	7		"	S W					The Middle & Last Parts scudding		
7	7		"	"					before the wind & sea with foresail		
8	7		"	"					& Lower topsail		
9	7		"	W S W					Sea very heavy from the South and		
10	7		"	"					from the Westward		
11	8		"	"				29	Pumps kept constantly going		
12	8		"	"							
1	8		"	"					No obs. Cloudy		
2	8		"	"							
3	7		E S E	West							
4	7		"	"							
5	7		"	"							
6	7		"	"							
7	8		"	"							
8	8		"	"							
9	8		"	"							
10	8		"	"							
11	8		"	"							
12	8		"	"				29 1/4			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 74 East	17 1/4 miles	47. 1	167. 7	31. 48.		1/4	3 17	65 25	



Journal from St. Mary's River Georgia

towards Barbadoes or A Market N.B.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	6		E S E	W S W					Thursday 10 <sup>th</sup> day of February 1870
2	6		"	"					This Day commences with a Gale of wind
3	5		"	"					from the West very heavy cross Sea
4	4		"	"					running Scuding under a Foresail and
5	3	5	"	"					Lower topsail
6	3	5	"	"					5 Pm more moderate
7	3	5	"	"					
8	3		"	"					
9	3		"	"					
10	3		"	"					10 Pm Set the upper topsail
11	4		"	"					
12	4		"	"					Midnight Moderate winds with light Puff.
1	4		"	West					wind at intervals Fine Weather heavy Sea
2	5		"	"					
3	5		"	"					
4	5		"	"					Last Part Moderate breeze Pleasant
5	5		"	"					weather Light Squalls from W S W
6	5		"	"					to W S W 6 Am Set top gallant sail
7	5		"	"					11 Am Set main staysail
8	5		"	"					
9	5		"	W S W					Vessel not Leaking quite so bad since
10	5	5	"	West					the gale abated
11	5	5	"	"					
12	5	5	"	"		78		29.1 $\frac{1}{4}$	The Drift of the Sea Equal Var

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
E S E	109	41. 7. 54	104. 7. 6.	30. 37	30 46		1. 57 6	63. 28	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	5	5	E S E	W S W to West					Friday 11 <sup>th</sup> day of Feb 1870
2	5	5	"	"					The whole of this Day Strong Breeze
3	5	5	"	"					Middle Part Squally
4	5	5	"	"					
5	6		"	"					Last Part Strong breeze Pleasant
6	6		"	"					weather running under short
7	6		"	"					sail to ease the Leak
8	6		"	"					Vessel still Keeping both Pumps
9	6		"	"					going
10	6	5	"	"					
11	6	5	"	W S W					At 11 Pm Blow away the Upper
12	5		"	"					topsail in a Squall
1	5		"	"					
2	5		"	"					
3	5		"	"					
4	5		"	"					
5	5		"	"					
6	5		"	"					
7	5		"	"					
8	5		"	"					Pumps Well attended to
9	5		"	"					
10	5		"	"					
11	5		"	"					
12	5		"	W S W to S W		74		29.3 $\frac{1}{4}$	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
E S E	130 miles	37. 7. 54	124. 4. 6	30. 28	30. 92	W 21 N	2. 24 6	67. 47	



## Journal from St Marys River Ga

towards Barbadoes or a Market.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
Saturday 12 <sup>th</sup> day of February 1870									
1	5		E S E	N S W					The first Part of this day Fresh breeze heavy Sea Pleasant weather. running under Easy sail on acct of Leak
2	5		"	"					
3	5		S E by E	N S W					
4	5		"	"					
5	5		"	"					Middle & Last Part Light winds Pleasant weather Paving Clouds
6	5		"	"					
7	5		E S E	"					
8	5		"	"					
9	5		S E by E	"					Bent the New Upper Topsail & made all sail  Pumps regularly and carefully attended to Leak not so much as During the Past heavy Sea
10	5		"	"					
11	5		"	"					
12	5		"	"					
1	5		"	N S E					
2	5		"	"					
3	5		"	"					
4	5		"	"					
5	4		"	"					
6	4		"	"					
7	3		S E	North					
8	3		"	"					
9	3		"	"					
10	3		"	N E by E S. E.					
11	2	5	"	"					
12	2	5	"	"		72		29.4 3/4	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South S E	10 4 miles	4 4 miles	96.4 E	29.24	29 19.5	8 West	1 49.0	59.13.	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
Sunday 13 <sup>th</sup> day of February 1870									
1	4		S E	E S E	1 Point				The whole of this Day Light Variable winds Fine Weather all sail set to the Best advantage
2	4		"	"	"				
3	3		S E by S	East	"				
4	3		"	"	"				
5	3	5	S S E 1/2 E	"	"				Pumps regularly attended to
6	3	5	"	"	"				
7	4		S S E	"	"				
8	4		"	E S E	"				
9	2	5	South	"	"				Sound a Light current 1/2 Knot Per hour setting S.W.
10	2	5	"	"	"				
11	2	5	"	"	"				
12	2	5	"	"	"				
1	2		S S W	S E	"				
2	2		"	"	"				
3	2		"	to	"				
4	2		"	E S E	"				
5	2		N. E.	"	"				
6	2		"	"	"				
7	2		"	"	"				
8	1		"	"	"				
9	2	5	E. by S.	E S E by S. W.	"				
10	2	5	"	"	"				
11	2	5	"	"	"				
12	2	5	"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 6/7 East	4 1/2 miles	4 3.3.8	18 East	28.36.5	28.33.5	3/4 West	21 East	52.54.11	



## Journal from St Marys River Georgia

towards Barbadoes or St Mark in N.S.

H	K	F <sup>th</sup>	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	3		SS 1/2 E	South to S.S. E.	1 Point				Monday 14 <sup>th</sup> day of February 1870 The whole of this Day Light Variable winds Fine Pleasant weather all sail set to the best advantage  Pumps regularly & carefully attended to  Vessel not making very much water. Calm smooth sea  Found a 5 Gall Can of Kerosine oil had leaked out  I allow 1/2 Knot per Hour for Current S.W. by S.
2	3		"	"	"				
3	3		"	"	"				
4	3		"	"	"				
5	3		"	"	"				
6	3		"	"	"				
7	3		"	"	"				
8	3		"	"	"				
9	3		"	"	"				
10	3		E S E	"	"				
11	3	5	"	"	"				
12	3	5	"	"	"				
1	3	5	"	"	"				Tuesday 15 <sup>th</sup> day of February 1870 The First Part of this Day Light Var <sup>e</sup> winds Fine weather with Passing Cloud  Middle Part Light Baffling winds cloudy with Light rain 8 PM took in all Light Sail reefed the Upper 2 of S <sup>l</sup> & Put 2 reefs in the main sail Bar. fell in Murky looking weather  Last Part Light Variable winds Cloudy weather but Pleasant at Day light Made all sail Ends Fine & Pleasant with Passing Cloud  Pumps Attended to
2	3	5	"	"	"				
3	3	5	"	"	"				
4	2		"	"	"				
5	1	5	E by S	"	"				
6	1	5	"	"	"				
7	1	5	"	"	"				
8	1	5	"	"	"				
9	1	5	S.W. by S	"	"				
10	1	5	"	"	"				
11	2		"	"	"				
12	2		"	"	"	84		29 1/4	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 72 East	46 Miles	14 1/4 S	43.6 East	28.21 N	28.21 N	3/4 Point	49 East	52.5 West	

H	K	F <sup>th</sup>	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	2		S.W.	South to S.S.E	1 Point				Tuesday 15 <sup>th</sup> day of February 1870 The First Part of this Day Light Var <sup>e</sup> winds Fine weather with Passing Cloud  Middle Part Light Baffling winds cloudy with Light rain 8 PM took in all Light Sail reefed the Upper 2 of S <sup>l</sup> & Put 2 reefs in the main sail Bar. fell in Murky looking weather  Last Part Light Variable winds Cloudy weather but Pleasant at Day light Made all sail Ends Fine & Pleasant with Passing Cloud  Pumps Attended to
2	2		"	"	"				
3	1	5	"	"	"				
4	1	5	N E by E	E S E to S E	"				
5	2		"	"	"				
6	2		S.W.	S S E	"				
7	2		"	"	"				
8	2		"	"	"				
9	2		E S E 1/2 E	South to S S E	"				
10	2		"	"	"				
11	2		<del>E S E 1/2 E</del>	<del>South to S S E</del>	"				
12	2		S S W 1/2 W	S. E by S	"				
1	2		"	"	"				Wednesday 16 <sup>th</sup> day of February 1870 The First Part of this Day Light Var <sup>e</sup> winds Fine weather with Passing Cloud  Middle Part Light Baffling winds cloudy with Light rain 8 PM took in all Light Sail reefed the Upper 2 of S <sup>l</sup> & Put 2 reefs in the main sail Bar. fell in Murky looking weather  Last Part Light Variable winds Cloudy weather but Pleasant at Day light Made all sail Ends Fine & Pleasant with Passing Cloud  Pumps Attended to
2	2		"	"	"				
3	2		"	"	"				
4	2		"	"	"				
5	2		"	"	"				
6	2		"	"	"				
7	2		"	"	"				
8	2		"	"	"				
9	2		"	"	"				
10	2		"	"	"				
11	2		"	"	"				
12	2		"	"	"	84		29 1/4	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 32 W	32 Miles	27 South	16.1 W	27.5 N	28.1 N	3/4 Point	18 West	52.23 West	



Journal from St. Marks River, Georgia, towards Barbadoes or Market in W. I.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	2	3	S by W	S E to E S E	1 Point	84		29.4 1/2	The First Part of this day Light Variable winds. Pleasant weather. cloudy. all sail set to the Best Advantage
2	2	3	"	"	"				
3	2	3	"	"	"				
4	2	3	"	"	"				
5	3		"	"	"				
6	3		"	"	"				
7	3		S 1/2 W	"	"				
8	3		"	"	"				Middle Part Light winds with Light squalls. misty rain
9	3		E by S	S E	"				
10	3		"	"	"				
11	3		"	"	"				
12	2		"	"	"				
1	2	3	S by W	"	"				
2	2	3	"	"	"				Last Part Light Steady winds. fine Pleasant weather. with Piping clouds. a little ripple of a head sea causes the Vessel to make more water again
3	2	3	"	"	"				
4	2	3	"	"	"				
5	3		"	"	"				
6	3		"	"	"				
7	3		"	"	"				Pumps well attended every 1/2 hour
8	3		"	"	"				
9	3		S 1/2 W	S E by E	"				
10	3		"	"	"				Men Employed in repairing the Otter-Top-sail with the old Main Stay-sail
11	3		"	"	"				
12	3		"	"	"	86		29.5	So ended this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 3° West	50 Miles	49 Miles	2.1. West	27.5 N	27.4 S	3/4 Point	3 West	58.26 West	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		E by S	S E	1 Point				The whole of this day Light Variable winds Fine Pleasant weather. Piping clouds at 10.30 Tacked to the Eastward
2	3		"	"	"				
3	3		"	"	"				
4	3		"	"	"				
5	2	3	"	"	"				
6	2	3	"	"	"			29.4 1/2	
7	2	3	"	"	"				
8	2	3	"	"	"				
9	2	3	"	"	"				
10	1	3	"	"	"				
11	1	3	"	"	"				
12	2		S by W 1/2 E	"	"				
1	1	3	"	"	"				
2	1	3	"	"	"				
3	1	3	"	"	"				
4	1	3	"	"	"				
5	2		"	"	"				
6	2		"	"	"			29.4	
7	1	3	"	"	"				
8	1	3	"	"	"				
9	3		South	S E by E to	"				
10	3		"	E S E	"				
11	3		"	"	"				
12	3		"	"	"	86		29.5	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 50 East	23 Miles	24.2	17.4	26.50	26.49	7°	20 East	58.6 West	



# Journal from St. Mary's River Georgia

Towards Barbadoes or A Market in the W. I.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	3		S 1/2 E	SE by E to ESE	1/2 Point				Friday 18 day of February 1870 The first Part Light wind Fine Pleasant weather all requisite sail set to the Best advantage Bent the New Fore sail and found it much to small say 4 ft on the Head after being stretched to the uttermost and 2 feet on the Drop
2	3		"	"	"				
3	3		"	"	"				
4	3		"	"	"				
5	3		"	"	"				
6	3		"	"	"				
7	3		"	"	"				
8	3		"	"	"				
9	3		"	"	"				
10	2	5	"	"	"				
11	2		"	"	"				
12	1	5	"	"	"				
1	1	5	"	"	"				Middle & Last Part Light winds & Calms with Piping clouds  Men Employed in repairing the old Fore sail  Pumps Attended to
2	1	5	"	"	"				
3	1		"	"	"				
4	1		"	"	"				
5	2		"	"	"				
6	3		"	East	"				
7	3		"	to	"				
8	3		"	SE	"				
9	2		"	"	"				
10	2		"	"	"				
11	2		S by E	"	"				
12	2		"	SE to SE by S	"	82		29.4 1/2	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South & East	57 miles	56.6	4.46	23.53	23.54 1/2	1/2 Point W	5. East	5.8.1 W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	2		SSW	SE by S	1/2 Point				Saturday 19 day of February 1870 The first Part of this day Light Variable winds Fine weather all sail set at 1 Pm Tacked to the East " 2 Pm Tacked to the S & Unbent the New Fore sail & Bent the old one
2	3		SE by E	"	"				
3	2		S by E	SE	"				
4	3		"	SE	"				
5	2	5	"	"	"				
6	2	5	"	"	"				
7	3		S 1/2 E	"	"			29.4	
8	3		"	"	"				
9	3		SE by E	East	"				
10	3		"	"	"				
11	4		"	"	"				
12	4		"	"	"				
1	4		"	"	"				Middle & Last Part Light Trade winds Fine Pleasant weather  Repaired the Fore topmast Stay sail & set it loose off Royal gear Painted the Yard &c  Pumps well attended to
2	4		"	"	"				
3	4		"	"	"				
4	4		"	"	"				
5	3	5	"	"	"				
6	3	5	"	"	"				
7	3		"	"	"				
8	3		"	"	"				
9	4		S by E	"	"			29.4	
10	4		"	"	"				
11	4		"	"	"				
12	4		"	"	"	82		29.5	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South & East	77 miles	72.3.5	19.5.6	24.41 1/2	24.42 1/2	1/2 Point West	2.2 East	5.7.39 W	



# Journal from St. Marys River, Georgia

Towards Barbadoes, or Market in W. I.

	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	1870
							Air.	Water.			
	1	3		S 1/2 E	E S E	1/2 Point				The whole of this day Light winds, fine weather with Pasing clouds, all sail set to the Best advantage	Sunday 20 <sup>th</sup> day of February
	2	3									
	3	2	5								
	4	2	5								
	5	2									
	6	2									
	7	1	5	S by E	E by S.						
	8	1	5								
	9	1	5								
	10	1	5								
	11	1	5								
	12	1	5								
	1	1		S 1/2 E	E S E					Pumps regularly attended to  at 11.30. Am Sacked to the Eastward	
	2	1									
	3	1									
	4	1									
	5	1	5	S by W	S. E. to S E by E						
	6	1	5						29. 3/4		
	7	1	5								
	8	1	5								
	9	1	5								
	10	1	5								
	11	1	5								
	12	1	5								
									29. 4/4		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 2 East	39 Miles	39. 5. 5th	1. 4. East	24. 2 N	24. 3 N	1/2 Point W	2. East	57. 37 W	

	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	1870
							Air.	Water.			
	1	2		S by W	South by E	1/2 Point				The whole of this day Light winds Veering round the Compass Fine Pleasant weather with Pasing clouds, all requisite sail set to best advantage	Monday 21 <sup>st</sup> day of February
	2	2		S S W	South	"					
	3	2		S by E by E	S W						
	4	2			West						
	5	2									
	6	2		S E by S	W N W						
	7	2			N N W						
	8	2			North						
	9	2									
	10	2			N N E						
	11	2			N E						
	12	2			E N E						
	1	2								Pumps regular attended to Vessel not making much water	
	2	2			East						
	3	2				1/2 P					
	4	2			E by S						
	5	2			"						
	6	2		S S E	S E						
	7	2		S by W	to S E by E						
	8	2									
	9	1			S E						
	10	3		E by S	"						
	11	2		"	"						
	12	2		"	"						
										Current setting W N W 20 miles this 24 hours	
										9.30 Sacked to Eastward	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 2 East	39 Miles	29. 5. 3th	1. 1. E	23. 33. N	23. 32. N	1/2 Point W	2 East	57. 33 W	



# Journal from St. Marys River Georgia

towards Barbadoes or America in the W.I.

H	K	M	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	3		E S E	S E by E	1/2 Pt				The first Part of this day light winds variable Fine Pleasant weather all sail set to the best advantage standing to the Eastward At 2 PM Iacked to the S <sup>2</sup>
2	3		S E by E	E S E	"				
3	3		S 1/2 E	"	"				
4	3		"	"	"				
5	3		S 1/2 E	"	"				
6	3		"	"	"				
7	3		"	"	"				
8	3		"	"	"				
9	3		"	"	"				
10	3		"	"	"				
11	3		"	"	"				
12	3		"	"	"				
1	3		"	"	"				Middle Part Light winds & Steady Fine weather  Last Part Light winds & Variable Fine weather  at 9 pm Iacked to the Eastward standing to the Eastward I allow 8 miles Westerly Current this 24 hours
2	3		"	"	"				
3	3		"	"	"				
4	3		"	"	"				
5	2	3'	S 1/2 W	S E by E	"				
6	2	3'	"	"	"			29.2 1/2	
7	2	3'	S by W	S E	"				
8	2	3'	"	"	"				
9	2		S S W	S E by S	"				
10	2		E by S	"	"				
11	2		"	"	"				
12	2		"	"	"	82		29.3 1/2	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 83 East	57 miles	30. 9. 8th	6. East	22. 42. 2	22. 43. 2	1/2 Point W	7 East	57. 28 W	

H	K	M	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	2		S S W	S E by S	1 Point				Wednesday 23 <sup>rd</sup> day of February 1870 Light winds Calms & Variables Fine weather with Passing Clouds all sail set standing to the East At 6.30 Iacked to the Southward Unbent the New upper topsail & bent the old one  Middle Part Calm  The Last Part Light winds. Cloudy rove off main top mast stay sail halyards from old Fore Brace  Pumps attended to
2	2		"	"	"				
3	1	3'	"	"	"				
4	1	3'	"	"	"			29.3	
5	1	3'	"	"	"				
6	1	3'	"	"	"				
7	1		"	"	"				
8	1		"	"	"				
9	1		"	"	"				
10			Calm						
11									
12	1								
1	1								The Last Part Light winds. Cloudy rove off main top mast stay sail halyards from old Fore Brace  Pumps attended to
2			Calm						
3									
4	1	3'	S 1/2 E	E. S. E.	"				
5	1	3'	"	"	"				
6	1	3'	"	"	"				
7	2		"	"	"				
8	2		"	"	"			29.2 1/2	
9	2		"	"	"				
10	2		"	"	"				
11	2		"	"	"				
12	2		"	S E	"	84		29.3 1/4	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 1/4 West	30 miles	29. 2. 5th	7. 1. W	22. 13. 2	22. 15. 2	1/4 Point W	8. W	57. 36	



# Journal from St. Marys River Georgia U.S.A. towards Barbadoes, or A market, in W.I.

H	K	M	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	1	3	sbz W/2 N	SE	1 1/2 Point				Thursday 24 <sup>th</sup> day of February 1870
2	1	3	"	to	"				The first Part Light winds Cloudy weather
3	1	3	E 1/2 S	SS E	"				At 2 P.M. Tacked to the Eastward
4	1	3	"	"	"				Sent up the Royal Yard
5	1		"	"	"			29.2 1/4	
6	1		"	"	"				
7	2		E 1/2 S	SE by S	"				
8	2		"	S. E	"				At 8 P.M. Tacked to the Southward
9	2		sbz W	"	"				
10	2		South	SE by E	"				Middle Steady Breeze Cloudy
11	2		"	"	"				
12	2		"	"	"				
1	2	3	S 1/2 E	E S E	"				
2	2	3	"	"	"				
3	2	3	"	"	"				
4	2	3	"	"	"				
5	2	3	South	"	"				Last Part Steady Breeze fine
6	2	3	"	"	"				weather A little swell of a head
7	2	3	"	"	"			29 2/2	sea on
8	2	3	"	SE by E	"				Vessel Making more water
9	2	3	S 1/2 W	"	"				Pumps attended to every 1/2 Hr.
10	2	3	"	"	"				
11	2	3	sbz W	S E	"				
12	2	3	"	"	"	84		29.4	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 3/4 West	36 miles	36.1 Sth	3.1 W	21.37 N	21.33 S	1/4 Point	4 W	57 40 W	

H	K	M	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		SS W	SE by S	1 1/2 Point				Friday 25 <sup>th</sup> day of February 1870
2	3		E by S	SS E	"				The first Part of this Day fresh breeze
3	3		"	"	"				sharp swell of a head sea Pleasant weather
4	3		"	"	"				with gathering Clouds
5	3		"	"	"				At 1 P.M. Tack to the Eastward took in all
6	3		"	"	"			29 2/2	Light sail. to ease the Leak
7	2	3	E S E	sbz E	"				
8	2	3	"	"	"				Middle Part Steady breeze cloudy but
9	2	3	SE by E	South	"				Pleasant weather
10	2	3	"	"	"				
11	2	3	"	"	"				
12	2	3	"	"	"				
1	2	3	SE 1/2 E	sbz W	"				
2	2	3	"	"	"				
3	2	3	"	"	"				
4	2	3	"	"	"				
5	3		"	"	"				
6	3		"	"	"				Last Part Sea not so heavy wind steady
7	3		"	"	"			29.1 1/4	fine weather but Cloudy overcast
8	3		"	"	"	80			
9	3		S E	"	"				At 10 Am set middle staysail & top gal S.E.
10	3		"	"	"				Mess Obs. not good
11	3		"	"	"				Pumps carefully attended to
12	3		"	"	"	86		29 2/2	Current W & N 12 miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 3/4 East	50 miles	10.7 Sth	48.1	21.26 N	21.24	1/4 Point	5 E	56 48 W	



Journal from St Marys River, Georgia U.S.A. towards Barbados or A Market in the W.I.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		S.S.E. 1/2 E.	S.W. by E.	1 Point				The First Part of this day Light winds Cloudy a swell of a head sea on
2	2			"	"				
3	2		S S E	S.W.	"				
4	2			"	"				
5	3		South	W.S.W.	"				At 3 P.M. Squally with rain to the end of this day
6	2			"	"				
7	1			West	"				At 7 P.M. Took in all light sail
8	3			"	"			29 1/4	
9	2	5		"	"				Squales & Calms
10	2	5		"	"				
11	1	5	S 1/2 E	N.E. to W.	"				
12	1	5		"	"				
1	1			"	1/2 Point				
2	1			"	"				
3	2			"	"				
4	2	5		"	"				
5	2	5		"	"				Swell of the sea gone Down Made all sail
6	2	5		"	"			29.2	
7	2	5		"	"				
8	2	5		"	"				
9	2	5	South	"	"				
10	2	5		"	"				
11	2	5		"	"				Mer Alt. Not to be Depended on, overcast & obscure Horizon
12	2	5		W.S.W.	"	82		29.2 1/4	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 1/2 East	4 7 miles	45.2. Sth	13.9. East	20.41	20.41 S	1/4 P. W	15 East	56.33 W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2	5	South	W.S.W.	1/2 Point				The First Part of this day Light winds & Variable Cloudy Weather
2	2	5		"	"				
3	1	5	S E by S	S.W. by S	"				
4	1	5		"	"				
5	1	5		"	"				
6	1	5	S.S.E.	S.W.	"				
7	1	5		"	"				Middle Part gentle breeze hauling gradually round to Eastward Raising clouds of Fog banks all requisite sail set to the best advantage
8	2		South	N.S.W.	"				
9	3			South	"				
10	4			"	"				
11	4			"	"				Last Part Gentle Breeze fine with Raising Clouds
12	4			"	"				
1	4			"	"				
2	4			"	"				
3	4			"	"				Pumps carefully attended to
4	4			N.E.	"				
5	2	5		"	"				
6	2	5		East	"				
7	3			"	"				
8	4			South	"				
9	4			"	"				
10	4			"	"				
11	4			"	"				
12	4			"	"	84		29.2 3/4	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 1/2 East	Dis 73 miles	72.1. Sth	8.6. E.	19.29 N	19.29 N	West 1/4 Point	9 East	56.24 W	



# Journal from St Marys River Georgia U.S.A. towards Barbadoes or Market in the W.I.

	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
							Air.	Water.		
Monday 28 <sup>th</sup> day of February 1870										
cloudy	1	3	5	South	S E	1/2 Point				The First Part of this day gentle breeze
	2	3	5	"	"	"				Pleasant weather. but Cloudy all requisite
	3	3	5	"	E S E	"				sail set to the Best advantage
	4	3	5	"	"	"				
	5	4		"	E by S	"				
	6	4		"	"	"				
	7	5		"	"	"				
	8	5		"	"	"				
	9	5	5	"	E S E	"				Middle & Last Part gentle Breeze
	10	5	5	"	"	"				Fine weather Passing Clouds of Fog.
	11	6		"	"	"				all sail set to the Best advantage
	12	6		"	"	"				
	1	6		"	"	"				
	2	6		"	"	"				
	3	6		"	"	"				
	4	6		"	"	"				Pumps well attended to 1/2 hour
	5	6		"	"	"				
	6	6		"	"	"				
	7	6		"	"	"				
	8	6		"	East	"				I Allow 1/2 Knot Current N.S.W. making 12 m
	9	6		"	"	"				
	10	6		"	"	"				
	11	6		"	"	"				
	12	6		"	"	"	85		29.3	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 1/4 West	139 miles	137.9	10.8 m	17. 11 s	17. 11 s	1/4 Point N	11	56 35 W	

	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
							Air.	Water.		
Tuesday 1 <sup>st</sup> day of March 1870										
1	6	5		S 1/2 E	East. to E S E 1/2 Point					This Day commences with a fresh breeze
2	6	5		"	"	"				of wind Pleasant weather with passing
3	6	5		"	"	"				clouds
4	6	5		"	"	"				
5	7			"	"	"				7 P M Strong Breeze Squally with
6	7			"	"	"				rain took in light sails
7	7	5		"	"	"				
8	7	5		"	"	"				Middle & Last Part Strong Breeze
9	7	5		"	"	"				Squally
10	7	5		"	"	"				
11	7	5		"	"	"				
12	7	5		"	"	"				8 Am took in top gallant sail
1	7	5		"	"	"				
2	7	5		"	"	"				
3	7	5		"	"	"				
4	7	5		"	"	"				Pumps constantly attended to
5	7	5		"	"	"				
6	7	5		"	"	"				
7	7			"	"	"				
8	7			"	S E	"				Current 12 Miles N. S. W.
9	6			"	"	"				
10	6			"	"	"				
11	6			"	"	"				
12	6			"	"	"	83		29.2 1/2	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 1/2 West	172 miles	172.4	2.9 West	14 19 s	14. 19 s	1/4 Point N	3 West	56.38 W	



Journal from St. Marys River, Georgia, U.S.A. towards Demerara & Market

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	6		Sb E 1/2 E	N E	1/2 Point				<p>Wednesday 2<sup>nd</sup> day of March 1870</p> <p>The First Part of this day strong breare &amp; squalez, with rain considerable swell of a sea on Vessel under easy sail on acct of Leak</p> <p>Captain Gorham has decided to go to Demerara, wind Permitting</p> <p>Middle Part Steady Breare fine weather</p> <p>Last Part Strong Breare Pleasant weather all requisite sail set</p> <p>Pumps regularly attended to</p> <p>I allow 18 Miles for current this 24 hours N.S.W.</p>
2	6		Sb E 1/2 N						
3	6		"	N E 1/2 E					
4	4		Sb E 1/2 S	E N E	1/2 Point				
5	3		"	to					
6	4		"	N E 1/2 E	"				
7	5		"	"	"				
8	5		"	"	"				
9	5		S.S.E	"	"				
10	6		"	"	"				
11	6		"	"	"				
12	7		"	"	"				
1	7		Sb E	"	"				<p>83</p> <p>29.2 1/2</p> <p>84</p> <p>29.3</p>
2	6		"	"	"				
3	6		"	"	"				
4	6		"	"	"				
5	6		"	"	"				
6	6		"	"	"				
7	6		"	"	"				
8	6		"	"	"				
9	7		S 1/2 E	"	"				
10	7		"	"	"				
11	7		"	"	"				
12	7		"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 1 1/2 East	140 Miles	11 1/2	3.7 East	19. 59. S	19 59. S	—	4. East	56. 34 W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	7		S 1/2 E	N E 1/2 E	1/4 Pt				<p>Thursday 3<sup>rd</sup> day of March 1870</p> <p>This day commences with Fresh breare Pleasant weather with Passing clouds a short swell of a sea on</p> <p>Middle Part Squalez with rain</p> <p>Pumps Attended to constantly</p> <p>Last Part Steady Breare fine Pleasant weather quite a sea on from the S.E. East. and N.E.</p> <p>I allow 1/2 Knot per Hour for current N.S.W.</p>
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	6								
9	6			E N E					
10	6								
11	5								
12	5								
1	5								<p>84</p> <p>29.3 1/4</p> <p>90</p> <p>29.2 1/2</p>
2	5								
3	5								
4	5								
5	5								
6	5			East					
7	5								
8	5								
9	5								
10	5								
11	6								
12	6			E.S.E					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 2 West	144 Miles	143.4 S 1/2 W	4.3 W	9. 36 S	9. 38 S	—	5. West	56. 39 W	



# Journal from St Marys River Georgia, U. S. A. towards Demerara & Market

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Day of March	1870
						Air.	Water.				
1	6		S S E	E N E					This Day commences with Moderate breeze	Friday 14	
2	6		"	"					Fine weather Passing clouds considerable		
3	6		South	"					of a sea all sail set		
4	6		"	S E							
5	6		"	"							
6	6		"	"							
7	7		"	S S E							
8	7		"	"							
9	7		"	"					Middle Part strong breeze squally		
10	7		"	"							
11	8		"	"							
12	8		"	"							
1	7		"	"							
2	7		"	"							
3	7		"	"							
4	6		"	"							
5	5		S. S. W.	"							
6	5		"	"					Last Part Moderate Breeze Fine with		
7	5		"	"							
8	5		"	"		84					
9	5		W S W 1/2 W	"					Pumps Attended to		
10	5		"	"							
11	5		"	"							
12	5		"	"		92		29.2 1/4			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 10 W	132 miles	130.4	22.2 W	7.26 S	7.27 S	—	22	57.01 W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Day of March	1870
						Air.	Water.				
1	5		South	E S E					This Day commences with gentle breeze	Saturday 15	
2	5		"	"					Fine weather all sail set		
3	3	5	"	"					got the Anchors off the rail over hauled a range		
4	4		"	S E					of Chain on each ready for immediate use		
5	4	5	"	"							
6	5		"	S S E					Middle Part Fresh Breeze Pleasant weather		
7	5		West	"					8 PM took in all Light sail		
8	5		"	"							
9	6		"	"							
10	6		"	"					At 4 AM. Made the Demerara Light		
11	6		"	"					Ship Bearing W by S Dis 10 miles		
12	6		"	"							
1	6		"	"					At 6.20 AM. Took on Board a Pilot and		
2	6		"	"					Proceeded up to the Harbour of Georgetown		
3	6		"	"					Demerara River.		
4	6		"	"					At 8.30. Anchored in the river with 25 fms		
5	4		"	"					of the Port Chain Furled Sails &c		
6	4		"	"					at 9.30 Capt. goes on shore		
7			"	"							
8			"	"					At 5 PM Capt. came on board		
9			"	"							
10			"	"					Pumps Attended to		
11			"	"					Set anchor watch so end this Day, which		
12			"	"		96		29.2	contains 36 hours. to commence civil time		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 68 W	71 miles	26.4 S	6.6 West	7.00 S	—	—	7.6 W	58.7 W	



# Journal from Laying at Anchor in Georgetown Harbour, towards Demerara River, S. A.

Civil Time

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. Air. Water.	Barometer.	REMARKS.	day of March	1870
1								The whole of this day Fresh breeze Fine weather. at noon Thre 92 Bar 29.2. Unbent the Main stay sail		
2								Pumps attended to. morning & evening		
3										
4								Monday March 7 <sup>th</sup> Fresh trade winds Fine weather unbent and commenced middle stitching & rep <sup>g</sup>		
5								the top <sup>g</sup> sail scraping spars &c at Noon Thre 86. Bar 29.24. Pumps attended to		
6										
7								Tuesday Mar 8 <sup>th</sup> gentle trade winds fine weather. got up lines. hove shat the cable. at 8 Am the		
8								Pilot came on board. at 9 <sup>am</sup> hove up the anchor and Proceeded up to the end of the wharfe.		
9								got out hawsers fore & aft and hove as taught as Possible with Vessel in the mud. 15 fath <sup>s</sup>		
10								of the Starbot cable out. have to wait for flood tide to get in to the wharfe. 7 Pm hove in		
11								as far as Possible. made all Fast. Pumps attended to. Wm. McGugan came on board as Cook & Steward		
12								at Noon Thre 96. Bar 29.34.		
1								Wednesday Mar 9 <sup>th</sup> Fine Weather but hot. not able to get to the wharfe for want of water engaged		
2								a scow & Discharged 11.428 ft <sup>g</sup> good. & about 4.500 feet of refuse. Lumber at High water hove		
3								taught on all the fasts but unable to get the Vessel in to the wharfe Crew Discharging cargo		
4								Pumps attended to		
5								Thursday March 10 <sup>th</sup> Fine weather. Spread Awnings Dried sails 2 men repairing & middle stitching		
6								the fore top <sup>g</sup> sh. Discharged 11.318 ft <sup>g</sup> of Lumber. hove taught the fasts. not water to get in to the wharfe.		
7								get Pumps attended to		
8								Friday Mar 11 <sup>th</sup> Fine weather but very hot Men employed repairing 3/4 of sh & various other jobs		
9								Discharged 12.121 ft <sup>g</sup> of Lumber Pumps attended to making no water to speak of		
10										
11								Saturday March 12 <sup>th</sup> Fine Weather Discharged 6.916 ft <sup>g</sup> of Lumber making 46.283 feet Discharged		
12								to Date. being the contents of Deck and 1/2 Deck Loads Men Variousl <sup>y</sup> employed. makes no water		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. Air. Water.	Barometer.	REMARKS.	day of	18
1								Sunday March 13 <sup>th</sup> Fine Pleasant-weather The Sabbath No Work Done		
2										
3								Monday March 14 <sup>th</sup> Fine weather cleared out the fore Peak got out the Ports		
4								hove in as far as Possible to the end of the wharfe not quite water enough		
5								Wm McGugan Went ashore sick. Pumps attended to. Frank. Thos. Vogel shipped as cook & Steward		
6								Tuesday March 15 <sup>th</sup> rigged in the jibboom got a lighter and commenced to		
7								discharge the lower hold Discharged 10.946 Feet of Lumber. got the Vessel in to the head of the		
8								wharfe So Ends this Day		
9								Wednesday March 16 <sup>th</sup> Fine weather Finished repairing the top <sup>g</sup> sail swung the		
10								Vessel Bows on to the wharfe made well Fast got out a new coil 2 1/2" rope for extra		
11								fasts Discharged 12.511 Feet Lumber So Ends this Day		
12								Thursday March 17 <sup>th</sup> Fine weather 2 men repairing the jibb the rest Variousl <sup>y</sup> employed		
1								Discharged 18.152 Feet of Lumber		
2										
3								Friday March 18 <sup>th</sup> Fine Weather Cloudy. Men Variousl <sup>y</sup> employed		
4								Discharged 17.754 Feet of lumber. Making 59.363 ft from Hole & 46.283 from Deck = 105.646 ft		
5										
6								Saturday March 19 <sup>th</sup> Fine weather Men Variousl <sup>y</sup> employed. Discharged 15.435 ft Lumber		
7										
8								Sunday March 20 <sup>th</sup> Fine wether. The Sabbath No Work Done		
9										
10								Monday March 21 <sup>st</sup> Cloudy with light showers of rain Men Variousl <sup>y</sup> employed		
11								Discharged 19.485 ft of Lumber		
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal from Laying in the Harbour of Georgetown Demerara River St. A.

Civil Time

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18	
						Air.	Water.					
1			Tuesday March 22 <sup>nd</sup> Fine weather but Clouds with one or 2 light showers of rain									
2			Men Variousley employed Discharged 180 21 7 <sup>1</sup> / <sub>2</sub> of Lumber									
3												
4			Wednesday March 23 <sup>rd</sup> Fine weather Men employed about the sails & rigging &									
5			Discharged 178 67 7 <sup>1</sup> / <sub>2</sub> of Lumber making 130 191 ft in the hold & 176 47 1/4 feet altogether									
6			finished Discharging.. 130 191 8 46 2 83 = 176 47 1/4 feet. Total no of ft comprising cargo									
7												
8			Thursday March 24 <sup>th</sup> First Part rainey Last Part fine weather									
9			Men Employer moving & moving vessel Lashing in the Ports									
10			cleansing lower hold &c A Caulker caulking the Ports									
11												
12			Friday March 25 <sup>th</sup> Fine weather Dried sails bent the topgallant sail & various other									
1			jobs Done 2 Pm Pilot came on board and took the vessel up to Perot's wharfe									
2			hauled in and made fast to the Brig Mississippi with 38 faths of									
3			the Harbot cable out a head. A Carpenter working on the Butts & graving piece									
4			outside & around the Bends So Ends this Day									
5												
6			Saturday March 26 <sup>th</sup> Fine weather Set up the Fore rigging and sundry other jobs									
7			carpenters caulking around the outside									
8												
9			Sunday March 27 <sup>th</sup> Fine weather no work Done									
10												
11			Monday March 28 <sup>th</sup> Fine weather 7 Caulkers caulking from the copper upward									
12			Men Variousley employed The Brig Mississippi hauled out & we took the inside Berth ready									
			for Loading Brown Sick & sent to the Hospital.									
			Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	4	5	6	7	8				



# Journal from Laying in Georgetown Harbour towards River Demerara

Civil Time

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1									The first Part of this Day Hot & Sultry Seized off		
2									head stays Bent & Main staysail lashed Watercasks Filled Water		
3									& Secured things about Decks & on board & Piece of Beef		
4									Wm. McQuigan ship's Pump attended to Last Part Rainy		
5									as cook & Steward		

6											
7									Wednesday April 6 Fine Weather at 7.30 Am the Pilot came on board, let go		
8									the fasts from the wharfe hove up the anchor made sail and beat down		
9									the river about 3 miles below the Lighthouse and anchored during the flood tide		
10									at 7.30 Pm hove up the anchor made all sail, wind S.E. by E to S.E. at 12 mid		
11									alongside of the Light Ship Demerara discharged the Pilot and stood to the		
12									S.E. by W. Wind S.E. by S. So ends this day containing 24 hours		
1									2 men came on board to work their Passage to Baltimore & Hopkins &		
2									Adam Pump attended to making no water		

So ends Civil Time for this time  
and Nautical time commences

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Thursday	day of	April	18	20
						Air.	Water.							
1									Journal from Demerara towards Baltimore Md					
2									This day commences at midnight					
3									So as to commence sea time from					
4									the Light Ship in Lat 7 North Long					
5									- 54. 6 West					
6														
7														
8														
9														
10														
11														
12														
1	4		S.W. by S	S.E. by E										
2	4			S.E. by S										
3	4								Lashed & Secured the Anchors					
4	3								& sundry other jobs					
5	3		E 1/2 S											
6	4													
7	4								Pumps attended to					
8	4								making no water					
9	4		S.S. by W	S.E.					to speak of					
10	4													
11	4													
12	4								1 man repairing the Boat					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
North 5 East	26 Miles	25. 6	2. 3	7. 26	7. 28		3	38. 3 W	



# Journal from Demerara River

towards Baltimore Md

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		N N W	N E by E	1/2 Point				Friday 5 <sup>th</sup> day of April 1870 The first part of this day fine weather gentle Breeze but a heavy swell of a sea on all sail set to the best advantage Bent the new mainsail
2	3		"	"	"				
3	3		"	"	"				
4	3		"	"	"				
5	4		"	"	"				
6	4		"	"	"				
7	4	5	N by W	N E	"				Middle & Last Part Fresh breeze with a short heavy sea running from the N. N. E. and E. S. E. Vessel labouring and shipping large quantities of water started to leak. took in light sails to ease her then variously employed one man caulking the boat  Pumps attended to every hour  Current 12 miles westerly
8	4	5	"	"	"				
9	4	5	N 1/2 W	"	"				
10	4	5	"	"	"				
11	4	5	"	"	"				
12	4	5	"	"	"				
1	4	5	North	N E by E	"				
2	4	5	"	"	"				
3	4	5	"	"	"				
4	4	5	"	"	"				
5	4	5	"	"	"				
6	4	5	"	"	"				
7	4	5	"	"	"				
8	4	5	"	"	"				
9	4	5	"	"	"				
10	4	5	"	"	"				
11	4	5	"	"	"				
12	4	5	"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North 1/2 West	103 miles	97.6	32.8	9.6 N	9.8		33 West	34 36 West	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	4	5	N 1/2 W	N E by E	1/2 Point				Saturday 6 <sup>th</sup> day of April 1870 This day commences with a fresh Breeze with a heavy sea Vessel straining and shipping water Leak increasing makes 600 strokes per hour good Pumps  6 PM Strong Breeze all light sail in  10 PM sea heavier Vessel labouring very heavy Leak increasing making 800 strokes of water per hour shortened sail accordingly took in fore top gallant sail & middle stay sail  Last Part Wind more moderate but a short swell of a sea on Vessel still labouring straining and leaking  Pumps well & constantly attended to  Current 12 miles westerly
2	4	5	"	"	"				
3	4	5	"	"	"				
4	4	5	"	"	"				
5	6		"	"	"				
6	5	5	"	"	"				
7	5	5	North	"	"				
8	5		"	"	"				
9	5		"	"	"				
10	5		"	"	"				
11	5		"	"	"				
12	5		"	"	"				
1	5		"	"	"				
2	5		"	"	"				
3	5		"	"	"				
4	5		N by W	"	"				
5	5		"	"	"				
6	5		"	"	"				
7	5		"	"	"				
8	5		"	"	"				
9	4		"	"	"				
10	4		"	"	"				
11	4		"	"	"				
12	4		"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North 1/2 W	116	112.3	30.7	10 38	10.57		31 West	57 7 W	



## Journal from Demerara River

towards Baltimore Md

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Sunday 15 day of April 1870
						Air.	Water.			
1	4	5	N <sup>1</sup> / <sub>2</sub> E	E S E	1/2 Point				Fresh Breeze fine weather with a heavy swell of a sea on vessel shipping a Deal of water Leak increasing Making 1000 Stricks per hour good Pumps carrying & shortening sail according to the weather & sea	
2	4	5	"	"	"					
3	5	5	"	"	"					
4	5	5	"	"	"					
5	6	5	North	"	"					
6	6	5	"	"	"					
7	6	5	"	"	"					
8	6	5	"	"	"					
9	6	5	"	"	"					
10	6	5	"	"	"					
11	6	5	"	"	"					
12	6	5	"	"	"					
1	6	5	"	"	"					
2	6	5	"	"	"				Pumps well & carefully attended to constantly	
3	6	5	"	"	"					
4	6	5	"	"	"					
5	6	5	"	"	"					
6	6	5	"	"	"					
7	6	5	"	"	"					
8	6	5	"	"	"					
9	6	5	"	"	"					
10	7	5	N W	East						
11	7	5	"	"						
12	6	5	"	"						

Pumps well & carefully attended to constantly

Ends Fresh Breeze & heavy sea Leak about the same running with the wind Quaterly under all sail. At 9 pm sighted the Island of Barbadoes bearing N. E. by E. At noon north Point of the Island bearing S. E. by S. Dis 18 miles. 20 miles westerly current this 24 Hours

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
North 19 West	15 1/2 miles	14 1/2 A	28.4	13.21	13 3 0 N		49 miles	59.5' 6"	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Monday 16 day of April 1870
						Air.	Water.			
1	6		N E	E by S					The first Part of this day fine weather Moderate Breeze heavy rolling swell of a sea on running under all sail with the wind Quaterly Leak about the same At 5 Pm made the N E end of the Island of St. Lucie and run for it Sighted the N Point 9.30 Pm. Sea more smooth	
2	6		"	"						
3	6		"	"						
4	6		"	"						
5	5	5	"	"						
6	5	5	N W by N	"						
7	6		"	"						
8	6		"	"						
9	6	5	N W by E	"						
10	6	5	"	"						
11	6	5	"	"						
12	6	5	N W by N	E S E						
1	6	5	"	"						
2	6		"	"						
3	6		N W by E	"						
4	6		"	"						
5	6		"	"						
6	6		"	"						
7	6		"	"						
8	6		N W by N	"						
9	6	5	"	"						
10	6	5	"	"						
11	6	5	"	"						
12	6	5	"	"						

At 12 mid off the Sth End of the Is of Martinico 4 pm off Port Royal, Martinico.

12 mer N Point of St Dominico bearing about N N E Dis 20 miles

The Middle & Last Part of this Day smooth sea Leak Decreasing Pumps well & carefully attended to

Men Variousely Employed.

altering the crew Topsail

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 43 West	14 1/2 m	10 6.	98.6.	13.16 N	13.20 N	None	7.41.	69.37 West	



Journal from Demerara River

Towards Baltimore Md

70	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
							Air.	Water.		
h	1	5		s w by s	E S E					Tuesday 12 <sup>th</sup> day of April 1870 The First Part of this day moderate Breeze fine weather Smooth Sea running down under the lee of the windward Islands all requisite sail set  Middle Part fresh Breeze fine weather Leak trifling not more than 50 strokes per hour  Last Part Light winds & Variable took off the Fore scuttle hatch and examined the Ports found them all lashed tight & solid no Leak there  Pumps regularly attended to  At 12 Mer S. E. end of Montserrat Bearing S E by E 1/2 E Distant 14 miles Redondo Id bearing North 15 miles
	2	5		"	"					
	3	5		"	"					
	4	5		"	"					
	5	5		"	"					
	6	5		"	"					
	7	5		"	N E					
	8	5		"	"					
	9	6		"	E S E					
	10	6		"	"					
	11	5		"	East					
	12	4		"	"					
nded	1	3		"	So					
	2	3		"	S S E					
	3	3		"	"					
	4	3		"	"					
	5	3		s by m	"					
	6	3		"	"					
	7	3		"	"					
	8	3		"	"					
	9	2	5	s s m	"					
	10	2	5	"	"					
	11	2	5	"	"					
	12	2	5	"	S E					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North 30 West	9 3 miles	40. 9.	46. 1. 2	16. 41.	16. 41. 8	—	48	62. 25 W	

70	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
							Air.	Water.		
ther	1	2		s w by s	S E					Wednesday 13 <sup>th</sup> day of April 1870 First Part of this day light winds fine weather all requisite sail set Caulked the Fore Hatch sent down the old upper Topsail & bent the new one Found that we had mistaken the new Fore sail for upper Topsail & had altered the wrong sail  Middle & Last Part gentle breeze fine weather smooth Sea. Leak nothing to speak off not more than 100 strokes per hour Repaired the Upper Topsail & various other jobs  Pumps well & carefully attended to  At 12 Mer the Island of Saba bearing S E. Dis 3 miles
	2	2		"	"					
	3	2		"	"					
	4	2		"	"					
	5	2		s s w by m	"					
	6	2		"	"					
	7	2		"	"					
	8	3		s w by m	E S E					
	9	3		"	to					
	10	3		"	East					
	11	3		"	"					
	12	3		"	"					
arino	1	4	5	"	"					
	2	4	5	"	"					
	3	4	5	"	"					
	4	4	5	"	E S E					
	5	4	5	"	"					
	6	4	5	"	"					
	7	4		s by m	S E					
	8	4		"	"					
	9	3	5	"	"					
	10	3	5	"	"					
	11	3	5	"	S. S. E					
	12	3	5	"	S E					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North 30 West	7 2 miles	56. 9.	44. 4.	17. 38 4	17. 39	—	47. West	63. 12 West	63. 16



# Journal from Demerara River towards Baltimore Md

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	H
						Air.	Water.			
1	3		N N W	S S E					Thursday 14 <sup>th</sup> day of April 1870 Light winds fine weather but hot & sultry Bent the old upper topsail & various other jobs, all requisite sail set to the best advantage	1
2	3		"	"						2
3	2	5	N N by E	S E						3
4	2	5	"	"						4
5	2		"	"						5
6	2		"	"						6
7	1	5	"	"						7
8	1	5	"	"						8
9	1	5	"	"						9
10	1	5	"	E S E						10
11	2		"	"						11
12	2		"	"						12
1	2		North	East					Middle & Last Part Cloudy w/ Light winds	1
2	2		"	"					Leak not worth mentioning  Pumps regularly attended to  Ends Cloudy Weather	2
3	2		"	"						3
4	2		"	"						4
5	2		"	"						5
6	2		"	E S E						6
7	2		N N by E	"						7
8	2		"	"						8
9	2		"	"						9
10	2		"	S E						10
11	2		N by W	"						11
12	2		"	South						12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	
North 24 West	49 miles	44.9	18.3	18 23 N	18.21 N		19 West	63.33 W		North

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	H
						Air.	Water.			
1	2		N 1/2 W	S S W	1/2 Point				Friday 15 <sup>th</sup> day of April 1870 The First Part of this day Fresh Breeze Cloudy rainy weather all sail set  At 4.40 PM Sombreso Pt Lighthouse bearing west Dist 1 mile At 6 PM Strong Breeze took in all light sail & furled them Split the Gibb. reefed Main sail	1
2	3		"	West	"					2
3	4	5	N by E 1/2 E	N W	"					3
4	4	5	"	"	"					4
5	4		"	N N W	"					5
6	4		N N E	North	1 1/2 Pts					6
7	3		N E 1/2 E	"	"					7
8	3		"	"	"					8
9	2	5	N E 1/2 E 1/2 E	"	"					9
10	2	5	"	"	"					10
11	2	5	"	"	"					11
12	2	5	"	"	"					12
1	2	5	"	"	"				Last Part wind moderate but a heavy sea from the N N W. Leaking again	1
2	2	5	"	"	"				Pumps regularly attended to Repaired the Gibb At 6 Am Tacked to N W At 12 Mers Anguilletta Pt Bearing S. S. E. Distant about 37 miles At 8 Am Tacked to N E  At 10 Am Tacked ship	2
3	2	5	"	"	"					3
4	2	5	"	"	"					4
5	2		"	"	"					5
6	2		"	"	"					6
7	3		N N by W	"	"					7
8	2		"	"	"					8
9	3		N E 1/2 E	"	"					9
10	2		"	"	"					10
11	2	5	N N by E	"	"					11
12	2	5	"	"	"					12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.	
North 33 East	37 miles	31.3 N	20.4 East	18.52 N	18.53		22 East	63 13 West		North



# Journal from Demerara River towards Baltimore Md

70	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
							Air.	Water.		
1	3			N by W	North	1 1/2 Point				<p>Saturday 16<sup>th</sup> day of April 1870</p> <p>The first Part of this day Moderate breeze heavy swell of a sea from the N.E. &amp; W. all requisite sail set Bent the Gibb. At 4 Pm Tacked to S.E.</p>
2	3			"	"	"				
3	3			"	"	"				
4	3			"	"	"				
5	3			N by E 1/2 E	"	"				
6	3			"	"	"				
7	3	5		N by E	N by W to S by E	"				
8	3	5		"	"	"				
9	2	5		"	"	"				
10	2	5		"	"	"				
11	2			E by E	"	"				
12	2			"	"	"				
1	2			"	"	"				<p>Middle &amp; last Part. Light winds &amp; squally heavy sea from the S.E. &amp; W.</p> <p>Men Variousley Employed about the Pumps &amp; Rigging</p> <p>At 3 1/4 Pm Tacked to N.E. &amp; W.</p> <p>Pumps regularly and carefully attended to.</p> <p>Leaking slightly</p>
2	2	5		"	"	"				
3	2	5		"	"	"				
4	2			"	"	"				
5	3			N by W	"	"				
6	3			"	"	"				
7	2	5		"	"	"				
8	2	5		"	"	"				
9	2	5		"	"	"				
10	2	5		"	"	"				
11	2	5		"	"	"				
12	2	5		"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North 1/4 West	16 miles	15.6	1.1 m	19. 7r	19. 4	—	1 mile n	63. 14 West	

70	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
							Air.	Water.		
1	2	5		N. by W	North to N by W	1 1/2 Point				<p>Sunday 17<sup>th</sup> day of April 1870</p> <p>The whole of this day Light winds and a heavy rolling sea from N.E. &amp; W. Fine weather. all requisite sail set</p> <p>Spoke the Brig Lelian of 4 from N. York 13 days out bound for St. Kitts</p> <p>At 7.40 Pm Sombre light bearing S by E Distant about 20 miles. Tacked ship to N.E. &amp; E.</p>
2	2	5		"	"	"				
3	2	5		"	"	"				
4	2	5		"	"	"				
5	2	5		"	"	"				
6	2	5		N by W	"	"				
7	4			"	"	"				
8	1			N by E	"	"				
9	2			"	"	"				
10	2			"	"	"				
11	2			"	"	"				
12	2			"	"	"				
1	2			"	"	"				<p>Pumps carefully Attended to</p> <p>Leak slight</p> <p>Light airs &amp; Calms</p> <p>I allow for Drift of sea &amp; current 18 miles this day S.S.E</p>
2	2			"	"	"				
3	2			"	"	"				
4	2			"	"	"				
5	2			N by E	"	"				
6	2			"	"	"				
7	2			"	"	"				
8	2			"	"	"				
9	1	5		E by S	Light & Variable	"				
10	1	5		"	"	"				
11	1			"	"	"				
12	1			"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North 81 East	27 miles	4. 4.	26. 5 East	19. 8r	19. 10r	—	2 1/2 East	62 46 West	



# Journal from Demerara River towards Baltimore Md

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1	2	3	by Drift West towards 1/2 Point						Monday 18 <sup>th</sup> day of April 1870 The first Part of this Day light winds Fine weather heavy swell from the N.E. & N.W. all requisite sail set to the best advantage
2	2	3							
3	2	3							
4	2	3							
5	2	3							
6	2	3							
7	2	3							
8	2	3							
9	2		by Drift	W & W					Middle Part Light airs & Calms  Last Part Calm smookey looking appearance of the weather Hot & sultry Unbent & repaired the Foresail Pumps attended to Leak but very slight about 25 strokes per hour a Bark in company Bad Horizon
10	2			to					
11	2			W & W					
12	2								
1	1								
2	1								
3	1								
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South 3° East	28	28	1.4 East	19 38	19 40	—	1 E	62 45 W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
1									Tuesday 19 <sup>th</sup> day of April 1870 The first half of this day Calm hot Sultry weather not Stearage on the vessel Bent the foresail & various other jobs
2									
3									
4									
5									
6									
7	1		N E	N W					
8	1		"	"					
9	1	3	"	"					The Last Part Light trade winds Fine weather all possible sail set  A Bark in sight the whole of this day standing to the N & W  Men variously employed about the spars and rigging Pumps carefully & constantly attended to every 2 hours makes but little water
10	1	3	"	"					
11	2		N W by N	South					
12	2		"	N & E					
1	3		"	"					
2	3		"	N E					
3	3		"	"					
4	3		"	"					
5	3		"	"					
6	3		"	"					
7	3		"	"					
8	3		"	"					
9	3		W & W	"					
10	3		"	E & E					
11	3		"	"					
12	3		"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
North 38 West	39 miles	23.7 N	30.9 W	20. 22	20. 12		33 West	63. 18 West	



# Journal from Delmarva River towards Baltimore Md.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	1870
						Air.	Water.			
1									Wednesday 20 <sup>th</sup> of April	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	1870
						Air.	Water.			
1									Thursday 21 <sup>st</sup> of April	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

This was written in  
mistake for  
or Tuesday 19<sup>th</sup>  
on the  
other  
leaf  
B Palmer



# Journal from Demerara River towards Baltimore Md.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	H
						Air.	Water.			
1	4		W N W 1/4 S	N E by E					Wednesday 20 <sup>th</sup> day of April 1870 The whole of this day Gentle trade wind Fine Pleasant weather all sail set to the best advantage  Men Variousley Employed	1
2	4		"	"						2
3	4	5	"	"						3
4	4	5	"	"						4
5	5		"	"						5
6	5		"	"						6
7	5		"	E N E						7
8	5		"	"						8
9	5		"	"						9
10	5		"	"						10
11	5		"	"						11
12	5		"	"						12
1	5	5	"	"					Pumps Attended to making no water to speak off	1
2	5	5	"	"						2
3	5	5	"	"						3
4	5	5	"	"						4
5	5	5	"	East						5
6	5	5	"	"						6
7	5	5	"	"						7
8	5	5	"	"						8
9	6	5	"	"						9
10	6	5	"	"						10
11	6	5	"	"						11
12	6	5	"	"						12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N N W 3/4 W	127	5' 4. N	114.8 W	20. 5' 3"	20. 5' 3"	—	2. 3 W	63. 21 W	N 63. 21 W

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	H
						Air.	Water.			
1	6	5	N N W 3/4 W	East					Thursday 21 <sup>st</sup> day of April 1870 The First Part of this day Fresh breeze Cloudy weather all requisite sail set to the Best advantage  Middle & Last Part Fresh breeze Cloudy weather with frequent showers of rain  Men Variousley Employed Pumps regularly attended to I allow 12 miles W by S. for current this 24 hours  Under lying observation not to be depended on  Vessel still makes very little water	1
2	6	5	"	"						2
3	6		"	"						3
4	6		"	"						4
5	6		"	"						5
6	6		"	E by S						6
7	6		"	"						7
8	6		"	"						8
9	6		"	"						9
10	6		"	"						10
11	6		"	"						11
12	6		"	"						12
1	6		"	"					Vessel still makes very little water	1
2	6		"	"						2
3	5	5	"	"						3
4	5	5	"	E S E						4
5	5		"	"						5
6	5		"	S E by E						6
7	5		"	"						7
8	5		"	"						8
9	5		"	"						9
10	5		"	"						10
11	6	5	"	"						11
12	6	5	"	S E						12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 67 W	148 miles	5' 7. 1	137.5 W	21. 52 N	21. 51 N	—	2. 27 W	67. 42 W	N 67. 42 W



# Journal from Demerara River

towards Baltimore Md U.S.A.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3	3	N by N by E	S E.					Friday 22 <sup>nd</sup> day of April 1870 This day commences with fresh Breeze & rain at 2 Pm more moderate and clear. when running under the square sails vessel rolling in the trough of the sea makes more water about 50 strokes Per hour  Middle Part Light winds Passing clouds fine weather running under square sails  Last Part continual rain fresh Breeze & rain the Main sail Main stay sail & jibb vessel not labouring so much makes less water by one half No observation this day Pumps regularly attended to allow 18 miles westerly current this day
2	3	3	"	"					
3	4	3	"	"					
4	4	3	"	E S E					
5	4		"	"					
6	4		"	"					
7	4		"	"					
8	4		"	"					
9	3		W x W	"					
10	3		"	"					
11	3	3	"	S E to S S E					
12	3	3	"	"					
1	3	3	"	"					1/4 Point North by for Steerage
2	3	3	"	"					
3	4		"	"					
4	4		"	"					
5	4		"	"					
6	4		"	"					
7	4	3	"	S S E					
8	4	3	"	"					
9	3	3	"	"					
10	3	3	"	"					
11	3	3	"	"					
12	3	3	"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North 66. West	122.	50.	111.5 W	22.42	None	1° East	2.00 W	69.48	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	4		W x W	S S E to					Saturday 23 <sup>rd</sup> day of April 1870 The First Part of this day Moderate breeze. Cloudy weather with frequent showers of rain. all requisite sail set to the best advantage  Middle Part Light airs of wind clear weather with Passing clouds  Last Part Light winds Hot sultry with heavy gathering clouds squally appearance  Men Variousley Employed Pumps regularly attended to A Bark in company standing to W.
2	4		"	S E.					
3	4		"	"					
4	4		"	"					
5	3		"	"					
6	3		"	"					
7	2	3	"	"					
8	1	3	"	"					
9	1		"	"					
10	2		"	"					
11	2		"	"					
12	2		"	S S E					
1	2		N by W	"					
2	2		"	"					
3	2		"	"					
4	2		"	"					
5	2		"	"					
6	2		"	"					
7	2		"	"					
8	2		"	"					
9	2		"	"					
10	2		"	"					
11	2		"	"					
12	2		"	S E					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North 64. West	53 miles	23.6 W	47.1 W	23.6 W	23.5 North		52. West	70 40 W	



# Journal from Demerara River towards Baltimore Md U. S. A

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Sunday 24 <sup>th</sup> day of April 1870
						Air.	Water.			
1	2	5	sr mby n	s e					commences with light winds hot sultry cloudy weather squally appearance. At 1.30 Pm sudden shift of wind to the north fresh breeze & rain At 4. Pm. Light breeze. Made all sail	
2	1	5	"	swath	1/2 Pt					
3	4		"		"					
4	3		"	sr s e	"					
5	2	5	"		"				At 6 Pm. strong Breeze Cloudy weather	
6	2	5	"	sr e to sr e by n	1 Point					
7	5	5	sr n	"	"					
8	5	5	"	"	"					
9	5		"	"	"				8 Pm. Squally wind and rain A sudden rise of a head sea took in all light sails Vessel Leaking 100 strokes Per hour	
10	5		"	"	"					
11	5		"	"	"					
12	5		"	sr e	1/2 Point					
1	5	5	"	"	"				Midst strong Breeze short sea from the N.E. & N.E.S	
2	5	5	"	"	"					
3	5	5	"	"	"					
4	5	5	"	"	"					
5	5		"	sr s e	1 Point				at Day light strong breeze. and squally sea raising. Put her under the 3 Lower sails Leak not quite so bad about 75 strokes Per hour	
6	5		"	"	"					
7	5		"	"	"					
8	5		"	sr e by n	"					
9	5		"	"	"				Pumps well and carefully attended to Ends more Moderate	
10	5		"	sr e	"					
11	5		"	"	"					
12	5		"	"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
North 55° W	110 miles	61.3	90 W	24.7	24.7 W		1° 39' W	72 19 W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Monday 25 <sup>th</sup> day of April 1870
						Air.	Water.			
1	5		sr n by n	sr. e.	1/2 Point				The first Part of this day Fresh breeze Clear weather with Raping clouds a short jump of a cross sea as though we had a strong current setting to the N.E. & E. Vessel under the 3 Lower sails at 3 Pm more Moderate set the 3/4 jib. jib being split	
2	5		"	"	"					
3	5		"	"	"					
4	5	5	sr mby n	"	"					
5	5	5	"	"	"				Middle Part Moderate breeze fine clear weather smooth sea	
6	5	5	"	"	"					
7	5	5	"	"	"					
8	5	5	"	"	"					
9	5	5	"	"	"				Last Part Wind & Weather the same Made all Repairable sail bent the new jib & repaired the old one and Various other jobs	
10	5	5	"	sr e by e	"					
11	5	5	"	to	"					
12	5	5	"	sr e	"					
1	5	5	"	"	"				Pumps regularly attended to Making but little water say 25 strokes Per hour	
2	5	5	"	"	"					
3	5	5	"	"	"					
4	5	5	sr s m by n	"	"					
5	5	5	"	"	"				Pumps regularly attended to Making but little water say 25 strokes Per hour	
6	5	5	"	"	"					
7	5	5	"	"	"					
8	5	5	"	"	"					
9	5	5	sr n	"	"				Pumps regularly attended to Making but little water say 25 strokes Per hour	
10	5	5	"	"	"					
11	5	5	"	"	"					
12	5	5	"	"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
North 38 W	133 miles	104 N	82.7 W	25.5 W	25.5 W		1° 31' W	73.50 West	



## Journal from Demerara River

towards Baltimore Md. U.S.A.

	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
							Air.	Water.		
	1	3		sw by NW	br E to	1/2 Point				The first Part of this day gentle breeze fine weather all sail set to the best advantage
	2	3		"	br E	"				
	3	4	3	"	"	"				
	4	4	3	"	"	"				
	5	3	3	"	"	"				
	6	3	3	"	"	"				
	7	3	3	"	"	"				
	8	3	3	"	"	"				
	9	3	3	"	"	"				
	10	3	3	"	"	"				
	11	3	3	"	"	"				
	12	3	3	"	"	"				
	1	3		"	"	"				Middle & Last Part's light winds fine weather all sail set  Men employed seizing of the ends of the fore rigging &c  Pumps regularly attended to making but very little water
	2	3		"	"	"				
	3	3		"	"	"				
	4	3		"	"	"				
	5	2	3	sw by W	br S E	"				
	6	2	3	"	"	"				
	7	3		"	br E by E	"				
	8	3		"	"	"				
	9	3		"	"	"				
	10	3		"	"	"				
	11	3		"	"	"				
	12	3		"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 21 West	43 miles	77.4.	29.7 N	27.7 N	27.9 N	—	33 W	74.23 W	

	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
							Air.	Water.		
	1	3	3	sw by W	br E by E	1/2 Pt				The first Part of this day gentle breeze fine weather but dull threatening appearance at sun down Cloudy overcast  Middle Part Fresh Breeze with flying clouds of fog passing. Sea getting up from S. E. took in all light sail  Last Part fresh breeze fine weather but hazy smoky appearance vessel under easy sail on acct of the sea Leak increasing a little  Pumps regularly & carefully attended to every 1/2 hour  End more moderate made sail accordingly
	2	3	3	"	br E by E	"				
	3	3	3	sw by W	"	"				
	4	3	3	"	br E	"				
	5	3	3	sw by W	"	"				
	6	3	3	"	"	"				
	7	3	3	"	br E by E	"				
	8	3	3	"	"	"				
	9	3	3	"	"	"				
	10	4		"	"	"				
	11	4		"	"	"				
	12	4		"	br E	"				
	1	4	3	"	"	"				Last Part fresh breeze fine weather but hazy smoky appearance vessel under easy sail on acct of the sea Leak increasing a little  Pumps regularly & carefully attended to every 1/2 hour  End more moderate made sail accordingly
	2	4	3	"	br E	"				
	3	4	3	"	"	"				
	4	4	3	"	"	"				
	5	4		"	br E by E	"				
	6	4		"	"	"				
	7	4		"	"	"				
	8	4		"	"	"				
	9	3	3	"	"	"				
	10	3	3	"	"	"				
	11	3	3	"	"	"				
	12	3	3	"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South 21 West	90 miles	83.8 N	30.4 N	28.33	28.33 N 2 East	34 West	74.57 W		



# Journal from Demerara River towards Baltimore Md U.S.A

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Thursday 28 <sup>th</sup> day of April 1870
						Air.	Water.			
1	3	3	N <sup>1</sup> / <sub>2</sub> W	N E by E	1 1/2 Pk				First Part gentle Breeze fine weather hasty swell of a head sea from the North & North East Under all requisite sail leaking considerable Pumps constantly attended no other work done	1
2	3	3	"	"	"					2
3	3	3	"	"	"					3
4	3	3	"	E N E	"					4
5	3	3	"	"	"					5
6	3	3	"	East	—					6
7	4	3	"	"	"					7
8	4	3	"	E by S	"					8
9	3	3	"	"	"					9
10	3	3	"	"	"					10
11	3	3	"	"	"					11
12	3	3	North	"	"					12
1	3	3	"	E S E	"				Midnight gentle Breeze fine weather the old head sea gone down all sail set not making so much water by one 1/2  Last Part Moderate breeze fine weather and smooth sea. Leak moderate Pumps regularly attended every 2 hours  Men Employed about the ratlines of the fore rigging  all Possible sail set	1
2	3	3	"	"	"					2
3	3	3	"	"	"					3
4	3	3	"	"	"					4
5	3	3	"	"	"					5
6	3	3	"	"	"					6
7	3	3	"	"	"					7
8	3	3	"	"	"					8
9	3	3	"	S E	"					9
10	3	3	"	"	"					10
11	3	3	"	"	"					11
12	3	3	"	S E by S	"					12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 4 1/2 West	113 miles	112.7 N	8.7 W	30 24 N	30.30 N	—	10 West	73.7 West	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Friday 29 <sup>th</sup> day of April 1870
						Air.	Water.			
1	3		N <sup>1</sup> / <sub>2</sub> W	S E by S					The whole of this day Gentle Breeze fine weather. But Hazy all requisite sail set  Pumps regularly attended to Leaking nothing worth mentioning  Men Employed squaring the ratlines on fore rigging & various other jobs  I allow for the last 12 hours 8 miles S N by S Current	1
2	3		"	"						2
3	4		"	"						3
4	4		"	"						4
5	4		"	"						5
6	4		"	"						6
7	4		"	"						7
8	4		"	S S E						8
9	3	3	"	"						9
10	3	3	"	South						10
11	3	3	"	"						11
12	3	3	"	"						12
1	4	3	"	"					I allow for the last 12 hours 8 miles S N by S Current	1
2	4	3	"	"						2
3	4	3	"	"						3
4	4	3	"	"						4
5	4	3	"	"						5
6	4	3	"	"						6
7	4	3	"	"						7
8	4	3	"	"						8
9	3		N by W	"						9
10	3		"	S by N						10
11	3		"	"						11
12	3		"	"						12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 10 West	98 miles	96.3	16.5 W	32.7 N	32.6 N	—	19 West	73.26 West	



# Journal from Demerara River

Towards Baltimore N. U. S. A.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	4	5	sby n	South					The first Part of this day steady breeze fine weather but Hazy all requisite sail set
2	4	5	"	"					
3	4	5	"	"					
4	4	5	"	"					
5	5	5	"	"					
6	5	5	"	"					Middle Part Fresh breeze Piping clouds Lightning to the N. W.
7	5	5	"	sby n					
8	5	5	"	"					
9	5	5	"	"					
10	5	5	"	"					
11	5	5	"	"					I follow for the first 12 hours 10 miles S. W. Current For the last 12.24 miles N. E. 1/2 S. for gulf stream
12	5	5	"	"					
1	5	5	"	"					
2	5	5	"	"					
3	5	5	"	"					
4	6	5	"	"					At 8 Am Cloudy, with Thunder from the N. W. Wind falling sudden and Baffling from S. S. E. to N. W. round by the West & backing very heavy sea on wind very light heavy rain Vessel labouring Very Heavy rolling in the trough of the sea Shipping large quantities of water sea running clean over her making a Deal of water Pumps constantly attended Ends Light Breeze S. W. and rain
5	6	5	"	"					
6	6	5	South	S. W.					
7	4	5	"	"					
8	3	5	"	N. W. N.					
9	2	5	"	N. to E. the					
10	2	5	"	N. S. S. E.					
11	2	5	"	"					
12	2	5	"	S. W.					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North 30 West	12 1/2 miles	12 1/2 . 4	1. 1. N	34. 13 N			2 N	73 2 1/2 West	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		sby n	S. W.					Sunday 1 <sup>st</sup> May 1870 Light wind. but Cloudy Dark Unsettled weather Very threatening appearance. rain Vessel under Easy sail labouring heavy in the trough of the sea
2	2		"	N. S. W.					
3	2		"	West					
4	2		"	South					
5	1	5	sby n	"	1 Point				
6	1	5	"	"	"				At 4 P. M. sudden shift of wind North Set 2 reefed Main sail & jib. sea going down. At 6 P. M. took in the upper topsail. At 8 P. M. wore ship to N. E. & E. At 12 mid. wore to N. & W.
7	1	5	"	"	"				
8	1	5	"	"	"				
9	1	5	sby E	"	"				
10	1	5	"	"	"				
11	1	5	"	"	"				At Day Break Better aspect of wind and weather sea tolerable smooth. Leak taking up set all requisite sail
12	1	5	"	"	"				
1	1	5	N. W. N.	"	"				
2	1	5	"	"	"				
3	2		"	"	"				
4	2		"	sby E	"				At 8 Am made all sail
5	2		"	"	"				
6	2		"	"	"				
7	2		"	"	"				
8	2		"	"	"				
9	2	5	sby n	"	"				Ends light winds fine weather a little hazy smooth sea Vessel not leaking more than usual Pumps constantly attended
10	2	5	"	"	"				
11	2	5	"	"	"				
12	2	5	"	"	"				
			"	S. E.	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N. 30 East	5 1/2 miles	5 1/2 . 2	3. 7. E	35 9 S 35 4 S			12 East	73 1 1/2 West	



Journal from Demerara River towards Baltimore Md.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2	5	S by E	S E	1 P				Monday 2 <sup>nd</sup> day of May 1890
2	2	5	"	"	"				This day commences with light wind fine weather but hazy all sail set to the best advantage
3	4		"	"	"				At 2.30 P.M. struck soundings
4	2		E by S.	"	"				At 3.30 Tacked to the Eastward
5	2	5	"	"	"				
6	2	5	"	"	"				
7	3		"	"	"				At 10 PM Tacked to the Westward
8	3		"	"	"				
9	3		"	"	"				
10	3		"	"	"				Midl gentel Brease fine weather
11	3		S by N 1/2 N	"	"				
12	3		"	"	"				
1	3		"	"	"				
2	2	5	"	"	"				Last Part Gentel Brease fine weather but Hazy all sail set smooth water Bessel not leaking anything worth mentioning
3	2	5	"	"	"				
4	3		S S W	1/2 P	1/2 P				
5	4		"	"	"				
6	4		"	"	"				
7	4		"	"	"				
8	4		"	"	"				Observations Bad on account of the foggy hazy atmosphere and horizon
9	4	5	S S W 1/2 N	"	"				
10	4	5	"	"	"				
11	4	5	"	"	"				I Allow 32 Miles for the first 16 hours of this day S E by E for Current
12	4	5	"	"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 11 W ash	Dis 69 miles	67.5	13.2 E	36 13	36 8 m		17 E	74 5.9 m	74 3' 0 m

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS
						Air.	Water.		
									Tuesday 3 day of May 1870
1	5		S S W	S E					Gentle Breeze Cloudy Hazy weather but
2	7		"	"					Present. got the anchors ready for Use. 7 fath.
3	3		S W	"					range on both cables &c
4	5		"	"					
5	4		S W by N	"					At 6 Pm fresh Breeze Cloudy rainy
6	4		"	"					appearance
7	4	5	"	"					Midnight Very Dark Foggy weather
8	4	5	"	E S E					At 3 <sup>1</sup> Am made Cape Charles Light bearing
9	4		"	"					S by S. At 3.30 Am made Cape Henry
10	4		"	"					Light Bearing S W by S.
11	4		"	"					At Day light strong breeze thick rain w
12	4		"	East					At 6 Am Cape Henry Light Bearing S S E 8
1	4		S S E	"					4 miles. took a Pilot on Board & Proceed
2	4		"	"					up the Bay strong Breeze heavy rain
3	4		"	"					Wind E S E and backing to Northward
4	6		S W	"					At noon Blowing a gale of wind S E
5	6		"	E S E					Anchored 1 mile below the Wolftrap Light
6	6		"	"					Ship in 5 fathoms of water with 30 faths of
7			the York Cable (Best Bower) Furler Sails &c	"					At 5 Pm Wind North At 8 Pm wind S S W
8			Paid out to 45 faths of cable in the hawse hole	"					Set a sea watch At 10 Pm wind S W
9			Midnight Wind more moderate & weather clearing up	"					Pumps well attended to
10			This Day Contains 36 hours to Commence civil time	"					
11				"					
12				"					A small allowance should have been made for a southerly current being Ebb Tide at the

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 40 West	74 miles	36.2	47.5	37.4			39 West	73 38 West	



# Journal from Demerara River towards Baltimore

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Wednesday	day of May	1870
						Air.	Water.					
						Civil Time						
1									At 6 Am Light Breeze W S W hove up the anchor made all sail & proceeded up the			
2									Bay at 7 1/2 Am Passed the wolf trap Light Ship. at 3.30 Pm Calm dropped the anchor under			
3									foot. At 4 Pm Light breeze W S W hove up the anchor made all sail. at 6 Pm Passed			
4									Smiths Point Lighthouse. at 8 Pm Breeze freshening West. Midnight Light winds North			
5									blew up sails set go anchor in 8 faths water with 80 faths cable set the watch			
6									Pumps attended to making but 5 in. water in 8 hours			
7												
8												
9									Thursday May 3 <sup>rd</sup> At 5.30 Am Fresh Breeze East hove up the anchor made all			
10									sail up the Bay 9 Am wind Light Hazy weather. at noon off Sharp Island Light			
11									house The last 12 hours of this day Light winds & Variables Light showers of rain at mid.			
12									at the Entrance of Ship channel North Point Lights in one wind S S E. Foggy weather.			
1												
2									Friday May 6 <sup>th</sup> Light winds Southward. fine weather At 6 Am took Steam tug and towed			
3									to the anchorage off Andersons wharfe Fells Point anchored with 15 faths Port cable			
4									Furled sails &c Pilot & Captain goes on shore also the Crew took their discharge			
5									one man Hopkins & the Boy Lee Ray kept on Board			
6												
7												
8												
9												
10												
11												
12												

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

## Journal of Brig Executive from Baltimore towards Remedios

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
1									Saturday May 28 <sup>th</sup> 1870		
2									begins with light breeze from N N W and		
3									raining at 10 AM hauled out the dock and took		
4									steam down the river at 12 Mr tug boat left		
5									at 2 PM past Annapolis at 6 do past Sharps		
6									Island and winds light at 10 PM calm at 11.30 come		
7									to anchor off Plum point		
8									Sunday May 29 <sup>th</sup> 1870		
9									begins with light air from W N W and cloudy		
10									at 4 PM got under way at 10 PM past		
11									pauxient at 12 Mr Calm. at 10 PM come to an		
12									chor at 6 PM light air got underway at 11 do		
1									anchored off point look out		
2									Monday May 30 <sup>th</sup> 1870		
3									begins with light air from the westward		
4									and clear at 12 Mr past Rappahannock		
5									Smith point at 7 PM fine breeze from		
6									S S W at 10 do come to anchor		
7									Tuesday May 31 <sup>st</sup> 1870		
8									begins with fine breeze from S S E and		
9									clear at 3 PM got under way at 7 PM		
10									past wind mill point at 2 PM past wolf		
11									trap at 3 PM anchored in New point		
12									Later part. fresh gales and cloudy		

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.



## Journal from Baltimore

Towards Remedios Secuba

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Wednesday day of June 1st 1870
						Air.	Water.			
1									commences with strong gales from the South ward and cloudy	
2									rainy weather at 10 o'clock cleared off and moderated at 4 P.M.	
3									cloudy at 7 do strong winds from S S E and rainy weather	
4									the latter part the same	
5									Thursday June 2nd 1870	
6									all these twenty four hours strong gales from E S E and	
7									rainy weather	
8									Friday June 3rd 1870	
9									Begins with light air from S E and cloudy weather at	
10									12 M got under way and proceeded down the bay at	
11									2 P.M. past York split light boat at which time wind	
12									East at 6 P.M. came to anchor on horse shoe cloudy	
1									foggy weather	
2									Saturday June 4th 1870	
3									begins with light air from W N W and clear weather	
4									at 5 o'clock got under way and drifted down on the ebb tide	
5									at 9 o'clock anchored on tail end of horse shoe. This day ends	
6									civil time with 12 hours and the sea time commences	
7										
8										
9										
10										
11										
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Sunday 5th day of June 1870
						Air.	Water.			
1									begins with light breeze from E S E	
2									and clear at 1 P.M. got under way	
3									and worked down to the cape at	
4									4 P.M. pilot left at 5 do foggy	
5									at 7 do fog lit up at which	
6									time Cape Henry bore W N W	
7									dist 7 miles at 7.30 shut in	
8	2		S E	E N E	2 points				thick foggy again and remain	
9	2								so the balance of these twenty	
10	2								four hours all this night irregular	
11	2								soundings and strong southwest	
12	2								terly current	
1	2									
2	2		East	N N E	" "					
3	2									
4	2									
5	2									
6	3									
7	3									
8	3									
9	3		E S E	N E by E	" "					
10	2									
11	2									
12	2									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S E by E	36	21	27.7	36.35			32	75.32	



## Journal from Baltimore

towards Remedios de la

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Monday 6th day of June 1870
						Air.	Water.			
1	3		SSE	NE					commences with light breeze from NE and foggy at 30 m past her cleared up	
2	3									
3	3									
4	3									
5	3									
6	3		SSE							
7	3									
8	3									
9	3									
10	4									
11	4									
12	4								at 12 midnight weather looking squally	
1	3									
2	3									
3	3								at 3 o'clock made Cape	
4	3								hatras light bearing N 50 W	
5	3								sup dist 18 miles	
6	3									
7	3									
8	3									
9	3									
10	3									
11	2		SSE							
12	3									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE 1/4 E	80 miles	23	18.5	35 18	35 12		23	75 09	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Tuesday 7 day of June 1870
						Air.	Water.			
1	2		SSE	light					commences with squally	
2	2								rainy weather and light breeze	
3	2								wind from E to NE	
4	4								this twenty four hours	
5	4								strong N Easterly current	
6	4								allow 4 knots per hour	
7	4									
8	4									
9	3		SSE							
10	2									
11	2									
12	2									
1	2									
2	2									
3	2 1/2									
4	2 1/2									
5	2 1/2									
6	2 1/2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									

latter part light breeze  
air and clear  
pumps carefully attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE 1/4 E	33	25	20 3	34 47	34 51 N				73 15 18



# Journal from Baltimore

Decuba  
Towards Towards Remedios

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		South	NNE					Wednesday 8 day of June 1870
2	2								commences with light North
3	2								erly air and calms
4	2								
5	2								
6	2								
7	2								at 7 PM fine breeze from
8	2								SE
9	3		" "	SSW					
10	4								
11	4								
12	2								Middle part light bafflin
1	1 1/2								air and calms
2	1 1/2								allow 12 miles for NE
3	1 1/2		S by NW						current
4	1 1/2								
5	1 1/2								
6	1 1/2								
7	1 1/2								Latter part light air
8	1 1/2								from SE
9	1 1/2								persons attended to regular
10	1 1/2								
11	1 1/2								
12	1 1/2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	1		SSW	SE by S					Thursday 9 day of June 1870
2	1								commences with light air
3	1								from SE by S and clear wea
4	1								ther
5	1								
6	1		South	bafflin					
7	1								
8	1								at 11 PM tack ship to SSW
9	1/2		WSW	" "					
10	1/2								Middle part winds baff
11	1		SSW						lin and squally
12	2								
1	2								
2	2								
3	2		S 1/4 E						at 8 AM tack to SWS
4	2								
5	2								
6	2								
7	1								
8	1								Latter part light breeze
9	2		SWS						and clear
10	2								
11	2								
12	2								persons came fully
									attended to vessel tight

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 1/4 W	32	31	04 4	33 46	33 48		05	73 00	



## Journal from Baltimore

towards Remedios Beaula

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	2		S by W	South $\frac{1}{2}$ point					commences with fine gales
2	3								from S S E and clear at 3.30
3	4		S E by E						Pott tack ship to S S Eward
4	5								
5	5								
6	5								
7	4								
8	3								
9	3								
10	3								Middle part pleasant gales
11	3								squally attended with lightning
12	3								
1	3		S E $\frac{1}{2}$ E						
2	3								at 7.30 ot ot tack ship to
3	3								S and W
4	3								at 11 ot ot tack ship to S S Eward
5	4		S E by E						
6	4								Latter part moderate gales
7	4		S by W $\frac{1}{2}$ W						and clear
8	4								
9	4								pumps carefully
10	3								attended to
11	3								
12	3		S E by E						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 19 E	56 miles	55 miles	10	32.52	32.53		11 mile	73 29	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		S S E $\frac{1}{2}$ E	S S W	1 point				commences with pleasant gales
2	2								S S W and smokey hazy weather
3	3								
4	3								
5	3								
6	3								
7	3								Middle part squally afternoon
8	3								
9	3								at 6 ot ot heavy squall,
10	3								from W S W attended with
11	3								rain carried away fore top
12	3								galant back stay
1	4								
2	4								at 8 ot ot moderate
3	4								were ship to W S W
4	4								Latter part di to
5	5								
6	5								
7	4								pumps carefully
8	3								attended to
9	3								vessel tight
10	3		W S W						
11	3								
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S E $\frac{1}{2}$ E	6.09	53	42	32.00	32.02		5.0		72.40



## Journal from Baltimore

towards Remedios Decima

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	1876	H
						Air.	Water.				
1	3		SW by W	South	1 point				commenced with pleasant	Sunday 12 day of June	1
2	3								gales the South and hazy		2
3	3								at 5 P.M. S.E.		3
4	3										4
5	3		SE by S						at 7 P.M. tack to SW by W		5
6	3										6
7	3										7
8	3		SW by W								8
9	3								middle part, as above		9
10	3								at 3 P.M. tack to SE		10
11	3										11
12	3										12
1	3										1
2	3										2
3	3		SE by E								3
4	3								at 6 P.M. tack to S.W.		4
5	3										5
6	2		SW								6
7	2								latter part light airs		7
8	1								and calm		8
9	1								persons carefully attended		9
10	1								to		10
11	1										11
12	1										12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SE by E	29	16	8	31° 42'	31° 46'				71° 11'

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	1876	H
						Air.	Water.				
1	2		SW by W	South	1 pt				beginning with light southerly	Monday 13 day of June	1
2	2		SE by E						airs at 2 P.M. tack ship to		2
3	2		SW by W						SE by E		3
4	2								at 3 P.M. tack ship to		4
5	2		<del>SW by W</del>						SW by W		5
6	2										6
7	2										7
8	2										8
9	2								at 12 midnight tack		9
10	2								to SE		10
11	2								middle part pleasant		11
12	3								gales and clear		12
1	3		SE								1
2	3										2
3	3										3
4	3								at 9 P.M. tack to		4
5	3								W.S.W.		5
6	3										6
7	3								persons carefully		7
8	3								attended to		8
9	3										9
10	3		W.S.W.								10
11	3										11
12	3										12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
		27		31 07	31 09			73 00	72 52



# Journal from Baltimore

Towards Remedios Secuba

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	14 <sup>th</sup> day of June	1870
						Air.	Water.				
1	3 1/2		S by W	South					commences with pleasant		
2	3 1/2								gales from South and clear		
3	3 1/2										
4	3 1/2										
5	3 1/2										
6	3 1/2										
7	3 1/2										
8	3 1/2										
9	3 1/2										
10	3 1/2										
11	3 1/2										
12	3 1/2										
1	3 1/2										
2	3 1/2										
3	3 1/2										
4	3 1/2										
5	3 1/2										
6	3 1/2										
7	3 1/2										
8	3 1/2										
9	3 1/2		S by E 1/2 E	" " "							
10	3 1/2										
11	3 1/2										
12	3 1/2										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					30° 30'			74° 36'	74° 32'

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	15 <sup>th</sup> day of June	1870
						Air.	Water.				
1	1 1/2		S by W	South					begins with light southerly		
2	1 1/2								wind and fine weather		
3	1 1/2								at noon tack ship to S by E		
4	1 1/2										
5	1 1/2										
6	1 1/2										
7	1 1/2										
8	1 1/2										
9	2		S by W 1/2 W	S by E							
10	2										
11	2										
12	2										
1	2										
2	2										
3	2										
4	2		S by W 1/2 W								
5	2										
6	2										
7	2										
8	2										
9	2		E by E								
10	2										
11	2										
12	2										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 49 W	52 1/2	34	38	30° 02'	30° 00'		42	75° 14'	75° 10'



## Journal from Baltimore

towards Remedius Decuba

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Thursday 16 <sup>th</sup> day of June 1871
						Air.	Water.			
1	1		ESE						begins with light airs from	1
2	1								SE and clear warm weather	2
3	1								at 5 P.M. tack ship to SE	3
4	1									4
5	1									5
6	1		SSW 1/4 W							6
7	1									7
8	1									8
9	2		SSW							9
10	2									10
11	2		SSW 1/2 W							11
12	2								middle part light breeze	12
1	2		SSW 1/4 W						and clear	1
2	2									2
3	2									3
4	2									4
5	2		SSW 1/2 S							5
6	2									6
7	2									7
8	3		SSW 1/2 S						Latter part the same	8
9	3									9
10	3								pumps carefully	10
11	3								attended to	11
12	3									12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SSW 1/2 W	38	36 miles	11	29 29	29 24		13	75 20	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Friday 17 <sup>th</sup> day of June 1871
						Air.	Water.			
1	2		SSW 1/2 S	SS E					commenced with light winds	1
2	2		SSW 1/2 E						from SE and pleasant	2
3	2								weather	3
4	2								at 1 P.M. tack ship to	4
5	2		SSW						ESE	5
6	2								at 5 P.M. tack to SSW	6
7	1		SSW 1/2 W							7
8	1									8
9	2									9
10	2									10
11	3									11
12	3									12
1	3		SSW 1/2 W							1
2	3								at 4 P.M. tack to ESE	2
3	3								at 7 do tack to SSW	3
4	3								at 10 P.M. tack to ESE	4
5	2		ESE							5
6	2									6
7	2								pumps carefully	7
8	2								attended to	8
9	2		SSW							9
10	2		ESE							10
11	2									11
12	2									12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SSW	35	36	07	28 50	28 48		35	75 09	74 42



# Journal from Baltimore

Towards ~~San~~ Remedius

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
Saturday 18 <sup>th</sup> day of June 1870									
1	1 1/2		ESE 1/2 E	winds					commences with light southerly air and clear at 3.30 tack to SSEW
2	1 1/2			veering					
3	1 1/2			and haul					
4	1 1/2		SSEW	ling from					
5	1 1/2			SSEW to					Midnight light breeze and clear at 1 o'clock tack to SE 1/2 E
6	1 1/2			SSE					
7	2								
8	2		SSEW 1/2 W						
9	2		SW 1/2 S						from 6 to 10 o'clock every hour latter part light bafflin air pumps carefully attended to
10	2								
11	2								
12	2		SW						
1	2								
2	2		SE 1/2 E						
3	2								
4	2								
5	2								
6	2		SW 1/2 W						
7	2		SE 1/2 E						
8	2		SW 1/2 S						
9	2								
10	2		SE 1/2 E						
11	1 1/2								
12	1 1/2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	29	29	01	28 19	28 19		00	74 52	74 53 at 8 o'clock

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
Sunday 19 <sup>th</sup> day of June 1870									
1	2		SW 1/2 W	winds					commences with light bafflin windy and clear at 4 P.M. tack to E 3/4 S at 5 do tack to SW 1/2 S at 9 do do tack E 3/4 S
2	2			veering					
3	2			from					
4	2			SE to SSE					
5	3		SW 1/2 S	SE					these twenty four hours westerly current running suppose 1 mile per hour which must be reckoned as a course West twenty four miles middle part light breeze from SE this day begin to measure oil water
6	3								
7	3								
8	3								
9	3								Latter part light bafflin windy pumps attended to regular.
10	3								
11	3								
12	3								
1	3								
2	3								
3	3		E 3/4 S						
4	2		SW 1/2 S	bafflin					
5	2								
6	2								
7	2								
8	2								
9	1		E 3/4 S						
10	1								
11	1								
12	1								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW 1/2 W	1. 03	38	48	27 25	27 40 N		55 W 75 55 W	75 58 W	



## Journal from Baltimore

towards Remedios Secuba

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Monday 20 <sup>th</sup> day of June 1870
						Air.	Water.			
1	1 1/2		E 3/4 S	winds					commences with light wind	1
2	1 1/2			weaving					from S E and heavy swell	2
3	1 1/2			from S E E					at 4 P M tack to S W	3
4	1 1/2			To S E S						4
5	2		S S W	and visa					at 8 do tack Eastward	5
6	2			versa						6
7	2									7
8	2									8
9	2		E 1/2 S							9
10	2									10
11	2 1/2								at 12 midnight clear fine	11
12	2 1/2								weather at which time tack	12
1	2		S S W 1/2 W						to S W westward	1
2	2									2
3	2								at 4 P M stood to Eastward	3
4	2									4
5	3 1/2		E S E 1/4 E						at 10 P M stood to S W westward	5
6	3 1/2									6
7	3 1/2								Later part clear and pleasant	7
8	3 1/2									8
9	3								pumps attended regular	9
10	2		S W 1/2 S							10
11	2									11
12	2									12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S S W 1/4 W	32	28 1/2	16 1/2	27 13 1/2	27 12 1/2		14 1/2	75.44 W	S W

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Tuesday 21 <sup>st</sup> day of June 1870
						Air.	Water.			
1	1		S E E 1/2 S	happin					commences with squally	1
2	1								weather, baffin wind with	2
3	1		S S W						rain showers taken in and	3
4	1								make sail as required	4
5	1		S W 1/2 S							5
6	1								at 3 P M calm	6
7	1		S E 1/2 E							7
8			calm	calm					at 10:30 P M light breeze	8
9									from S E	9
10										10
11	2		S W 1/2 S	S E E					at 3 P M stood to S E	11
12	2								allow 2 knots Easterly	12
1	2		W S W						current this twenty	1
2	2								four hours	2
3	2		S E 1/2 E							3
4	2									4
5	3									5
6	3									6
7	3									7
8	2									8
9	2								Later part light south	9
10	1								only air and hazy	10
11	1								pumps carefully	11
12	1								attended to	12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
				26 13 9 1/2	26 4 1/2			74.58	W S W



# Journal from Baltimore

Towards Benedictus Secuba

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Wednesday 22 <sup>nd</sup> day of June 1870
						Air.	Water.			
1	/		SE by E	S by W					begins with light southerly air and hazy squally looking weather	
2	/									
3	/									
4	/									
5	/								at 8 P.M. squally from NW and rain at which time wind become bafflin	
6	/		SW 1/2 W	change						
7	2			able						
8	/									
9	/									
10	/									
11	/								Middle part light bafflin wind	
12	/									
1	/									
2	/									
3	/									
4	/									
5	1 1/2		SW by W							
6	1 1/2								Later wind light but more steady	
7	1 1/2								pump attended to regular	
8	1 1/2									
9	1 1/2		SW	SE E						
10	1 1/2									
11	1 1/2									
12	1 1/2									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW 3/4 S	mid 25	27	mid 14	26° 28' N	26° 25' N		mid 16	75° 14' W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Thursday 23 <sup>rd</sup> day of June 1870
						Air.	Water.			
1			WNW 3/4 W						begins with light bafflin air and calms	
2			calm	calm						
3									at 7 P.M. light breeze from E by S	
4										
5										
6	1		WNW 3/4 W	E by S						
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									
1	2									
2	2									
3	2									
4	2									
5	2									
6	1									
7	1									
8	1								Later part light bafflin air and calms	
9	1									
10	1								pumps carefully attended to	
11										
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WNW 3/4 W	26	05	25	26° 19' N	26° 20' N		27	76° 09' W	



## Journal from Baltimore

towards Remedios Sanha

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Friday 24 <sup>th</sup> day of June 1870
						Air.	Water.			
1	1		SW 1/4 S	East					begins with light Easterly winds and clear warm weather	
2	2									
3	3									
4	3								at 10 P made light on hole in the wall bearing W 3/4 N	
5	2									
6	2									
7	2		SW 1/4 W	11 11						
8	2									
9	3 1/2									
10	4 1/2								at 12 mid night Light bore W by S suppose dist 14 miles	
11	6 1/2		SW	ESE					at 4 A M Light bore NW by N dist 6 miles	
12	3								at 8 do Light bore NE 1/2 E dist 12 miles	
1	3								Latter part looking squally	
2	3								passing carefully	
3	3								atten ded to	
4	3									
5	4		W 1/2 S							
6	4									
7	4									
8	4									
9	5		W 1/2 W							
10	5									
11	5									
12	5									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W 1/2 W	88	36 1/2	81	25.44 N	"		9 30 W	77.39 W	"

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Saturday 25 <sup>th</sup> day of June 1870
						Air.	Water.			
1	4		W 1/2 S	ESE					begins with pleasant gales from N 1/2 E and squally looking weather.	
2	4									
3	4									
4	4		W 1/2 W							
5	4								at 3 30 stop Key light house bore South dist. 6 miles	
6	4								at 10 do come on the baha ma banks in 8 fathoms water at 11 do 3 fathoms	
7	4								middle part pleasant gales and clear	
8	4									
9	5									
10	5		SW 1/2 S	ESE						
11	7									
12	7 1/2									
1	7 1/2								Latter part strong gales and clear	
2	7 1/2								at	
3	7 1/2									
4	7 1/2									
5	8		SW 1/4 E							
6	8									
7	8									
8	8								pumps attended to carefully	
9	8		SW 1/4 E							
10	8									
11	8									
12	8									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SW 1/4 W	128	140	58		23.24			78.59	



## Journal from Baltimore

towards Remedius

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	1870
						Air.	Water.				
1	7		S 1/4 E	E by S					commences with strong Easterly gales and fair weather at 3 P.M. dropped off the banks	Sunday 26	June
2	7										
3	7										
4	7										
5	7		S 1/2 E						at 9 do took in light sails		
6	7								at 10 do took to N by Eastward		
7	6								at 1 do took to S by Eastward		
8	4		S E	E S E					at 9 do took in light sails		
9	4		N E						at 11 do made Remedius harbour		
10	4								heaving S by W 7 miles at 12		
11	4								Noon came to anchor with		
12	4		S by E 1/2 E						big anchor and 30 fathoms		
1	3								shackle on the windlass		
2	3										
3	2 1/2										
4	2 1/2								This day ends sea time with		
5	4		S 1/2 E	S E					36 hours		
6	4										
7	4										
8	4										
9	4										
10	4		S W						Latter part these twenty four		
11	5								hours fresh gales and hazy		
12	5										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 20 W	21	00 19	06	22 41 N	11 11			79 07 W	

		H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	- day of	18	
								Air.	Water.					
es	1				Monday June 27th 1870									
	2				commences with strong Easterly									
	3				gales and clear weather all hands employed at ships duty									
	4				at 12:30 P.M. capt went on board of the launch for to go									
aze	5				to Calicut in latter part calm and clear									
	6				Tuesday June 28th 1870									
ha	7				begins and ends with Easterly winds and clear weather									
	8				all hands employed at ships duty									
	9				Wednesday June 29th 1870									
	10				Begins with fine Easterly gales and clear warm weather									
	11				at 11 do commenced to discharge cargo put 870 bags corn in									
	12				lighter at 5 P.M. got under way and proceeded up the bay									
	1				at 6 P.M. wind came WSW in squall came to anchor with									
	2				fifteen fathoms chain out latter part rainy squally looking									
	3				weather									
	4				Thursday June 30th 1870									
	5				begins with calm clear weather at 6 do took light breeze									
	6				from the Eastward got under way and proceeded up to town									
	7				at 10:30 anchored in Calicut bay at 1 P.M. commenced dis									
	8				charging corn at 5 P.M. squally at 6 P.M. winds came									
	9				to NW and rainy									
	10				Friday July 1st 1870									
	11				begins with calm clear weather all hands employed									
	12				at discharging cargo and various jobs of ships duty									
					latter part warm with squally appearance									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Now Lying in Caiberien towards De Cala

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	1870	H
						Air.	Water.					
1									begins with calm sultry weather all hands employe at	Saturday	July	1
2									dischargeing cargo and various jobs of ships duty			2
3									middle part thunder squalls latter part wind squalls			3
4									and rain			4
5									Sunday July 3 <sup>rd</sup> 1870	Sunday	July	5
6									begins with fine Easterly winds and clear weather			6
7									middle part the same latter part heavy squalls from			7
8									SE with rain			8
9									Monday July 4 <sup>th</sup> 1870	Monday	July	9
10									First part of this twenty four hours calm sultry			10
11									weather latter part strong gales from Eastward at noon			11
12									finished dischargeing cargo after noon all hand employe			12
1									ed getting ready to take in cargo	Tuesday	July	1
2									Tuesday July 5 <sup>th</sup> 1870			2
3									all these twenty four hours strong Easterly winds and			3
4									clear weather all hands employed take in cargo			4
5									Wednesday July 6 <sup>th</sup> 1870	Wednesday	July	5
6									begins with pleasant Easterly gales and clear weather at 3 <sup>30</sup> am			6
7									am pilot come on board at 4.30 o'clock got under way and			7
8									proceeded down the bay at 11 do anchored at Key Francis			8
9									Thursday July 7 <sup>th</sup> 1870	Thursday	July	9
10									middle part light air and calms latter part light Easter			10
11									ly winds and clear			11
12									begins and ends with light Easterly winds and clear weather			12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18	H
						Air.	Water.					
1									Friday July 8 <sup>th</sup>	Friday	July	1
2									begins and ends with fair weather and pleasant Easterly gales			2
3									at 5 o'clock lighter load sugar come along side all hands employed			3
4									takeing and stowing away cargo			4
5									Saturday July 9 <sup>th</sup> 1870	Saturday	July	5
6									begins with fine Easterly gales and fair weather took			6
7									in lighter load sugar this day hired another stevedore			7
8									latter part strong gales and clear			8
9									Sunday July 10 <sup>th</sup> 1870	Sunday	July	9
10									all this twenty four hours fine gales from the Eastward			10
11									and clear weather			11
12									Monday July 11 <sup>th</sup> 1870			12
1									all these twenty four hours strong gales from SE	Monday	July	1
2									and clear at 2 o'clock lighter load sugar come along			2
3									side all hands employed at cargo this day discharge			3
4									the first stevedore			4
5									Tuesday July 12 <sup>th</sup> 1870	Tuesday	July	5
6									all these twenty four hours strong gales from ESE			6
7									and clear all hands employed at the cargo			7
8									Wednesday July 13 <sup>th</sup> 1870			8
9									all these twenty four hours strong Easterly gales	Wednesday	July	9
10									and clear weather all hands employed stowing cargo			10
11									Thursday July 14 <sup>th</sup> 1870			11
12									all this twenty four hours light Easterly gales and			12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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## Journal from Key Francis

towards Boston

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	Friday 15 <sup>th</sup> day of July	1870
						Air.	Water.				
1									First part of this twenty four hours clear warm weather		
2									at 9.30 finished stowing sugar middle part stowing		
3									Easterly gales all hands employed at ships duty		
4									latter part squally rainy weather		
5									Saturday July 16 <sup>th</sup> 1870		
6									Begins and ends with strong Easterly gales and clear		
7									all hands employed at ships duty this day ends		
8									civil time with 12 hours		
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	Sunday 17 <sup>th</sup> day of July	18
						Air.	Water.				
1									Begins and ends with strong		
2									Easterly gales and clear		
3									at 3 P.M. commenced to		
4									take on deck load of molasses		
5											
6											
7											
8											
9											
10											
11											
12											
1									at 7 P.M. got under way		
2									and went to sea at 8.30		
3									Key Francis bore S E 1/2 S		
4									dist 7 miles from whitch		
5									I take a departure		
6									at 9 do wind increasing		
7									and heavy sea took in		
8									sail as required		
9	4		NW 1/2 N East						pumps attended to		
10	6		North "						some few minutes vessel		
11	6								leaking badly		
12	6										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 E	24 miles	00 23	04.04	28.03N				79 18	



## Journal from Key Francis

Towards Boston.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Monday 18 <sup>th</sup> day of July 1870
						Air.	Water.			
1	6		North	E by N					Begins with strong Easterly gales and heavy head sea vessel labouring heavily and shipping large quantities water	
2	6									
3	6									
4	6									
5	6									
6	6									
7	6		N by W	" "					middle part as above	
8	6									
9	6									
10	6									
11	6									
12	6									
1	5								Latter part moderating at 10 o'clock made all sail	
2	5									
3	5									
4	5		N 1/2 W	" "						
5	5									
6	5									
7	5								pump attended every fifteen or twenty minutes	
8	5									
9	6		North	" "						
10	7									
11	7									
12	7									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N by W	14 miles	2' 28"	0 15	25 25	25 31			79 43	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Tuesday 19 <sup>th</sup> day of July 1870
						Air.	Water.			
1	7		N 1/2 W	E N E					begins with strong Easterly gales and clear all sail set getting smoother. Suppose current setting to North by East for which I allow 2 1/2 miles per hour allow a course N by E 36 miles	
2	7									
3	7									
4	7									
5	7									
6	7									
7	7								Middle part winds coming to south ward and getting light	
8	7									
9	7									
10	7									
11	7									
12	5			S S E						
1	4								Latter part as above	
2	2									
3	2									
4	2									
5	2		North	South						
6	2									
7	2								pumps attended to regular not leaking so had	
8	2									
9	2									
10	2									
11	2									
12	2									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
North	14 1/2	2' 24"	00	27 55	27 55		00	79 43	



## Journal from Key Francis

towards Boston

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	4		North	South					First part of these twenty four hours light southerly breeze and clear
2	4								
3	4								
4	4								
5	4								
6	4								
7	5								
8	5								
9	5								
10	5								
11	5								
12	5								
1	5			SSW					middle part winds coming more westerly and breeze ing up
2	6								
3	6								
4	7								
5	8		N $\frac{3}{4}$ E	SW					pumps carefully attended to every hour
6	8								
7	8								
8	8								
9	8		North						
10	8								
11	8								
12	8								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					30 25			79 14	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	6		N $\frac{1}{2}$ E	SW					commences with pleasant gales from SW and pleasant
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	7		N $\frac{1}{2}$ E & West						middle part looking squally wind veering to West
10	7								
11	7								
12	7								
1	7		N E	W N W					at 6 o'clock squally attended with rain and thunder winds changeable from N $\frac{1}{2}$ E to N E pumps attended to every hour
2	6								
3	6								
4	6								
5	6								
6	6								
7	6								
8	6								
9	6		N $\frac{1}{2}$ E & N E						
10	6								
11	6								
12	6								

Course.

Distance.

Diff. of Lat.

Departure.

Lat. by D. R.

Lat. by Ob.

Variation.

Diff. of Lon.

Lon. in.

Lon. by Ob.

N $\frac{1}{2}$  E & N E

141 miles

2.00

72.5

32.25

32.24

1 24

79.50



## Journal from Key Francis

towards Boston

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	6		E N E	N N E					Friday 22 <sup>nd</sup> day of July 1870 commences with pleasant gales from N N E and fair weather at 2 P M took ship to N N E at which time wind came to East ward
2	6								
3	6		N N E						
4	6								
5	6								
6	6								
7	5		N N E						
8	4								
9	4								
10	4								
11	4								
12	4								
1	3		N E	E S E					Middle part squally rainy weather took in light sails at 5 P M made all sail  Latter part Easterly wind and fine weather On this day work & allow two knot current N E 24 miles pumps attended to regular every half hour
2	3								
3	3								
4	3								
5	4								
6	4								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N E 1/4 N	125	1.40	77.1	34.64	34.11		1.32	76.22	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	7		N N E	E S E					Saturday 23 <sup>rd</sup> day of July 1870 All these twenty four hours pleasant gales and clear warm weather winds coming from E S E to S W
2	7								
3	7								
4	7								
5	7		N E						
6	7								
7	7		N N E	S E					
8	7								
9	7								
10	7								
11	7								
12	7								
1	7								Latter part fine weather pumps attended to regular every half hour
2	6								
3	6								
4	6		N E 1/4 N						
5	6								
6	6								
7	6								
8	6								
9	6								
10	6								
11	6								
12	6								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 35 E	153	2.05	88.02	36.30	36.37			74.00	73.40



## Journal from Key Francis

towards Boston

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		N E 1/4 N	S S W					Sunday 24 <sup>th</sup> day of July 1870 Begins and Ends with pleasant gale and fair weather winds bafflin from S E to S W
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								
1	4								Middle and latter part as above  pumps carefully attended to
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 42 W	84	62 02	56 4	37 39	37.42 W		71 miles	72.29 W	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	4		N E 1/2 N	S S W					Monday 25 <sup>th</sup> day of July 1870 Begins with fine gales from S S W and fair weather
2	4								
3	4								
4	4								
5	4								
6	4								
7	5								
8	6								
9	7								
10	7								
11	7								
12	7								
1	7								At middle part strong gales W S W with weather looking bad in NW considerable sea and vessel rolling considerable  Latter part hazy smoky  pumps attended regular every 15 minutes
2	7								
3	7								
4	7								
5	7								
6	7								
7	7								
8	7								
9	7								
10	7								
11	7								
12	7								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 82 W	154	128.8	81 10	39.50	39.54		105	70.43	70 36



## Journal from Key Francis

towards Boston

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Tuesday 26 <sup>th</sup> day of July	1870
						Air.	Water.				
1	5		WN ½ E	WNW					Begin with pleasant gales from WSW and hazy smoky weather		
2	5										
3	5										
4	5										
5	5										
6	5										
7	5										
8	5										
9	5										
10	5										
11	5										
12	5			Wxt					Middle as above		
1	5										
2	5								at 4 P.M. made sankety head bearing North dist suppose 8 miles		
3	5										
4	5		ES E	WNW							
5	2										
6	2										
7	2										
8	2								Latter part light moderate breeze		
9	3		ENE ½ E						perhaps attended to regular		
10	3										
11	3										
12	3										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
WN ½ E	91	miles 70	56.6	41.04N	41.06N		miles 85	69 21W	69 21W

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Wednesday 27 <sup>th</sup> day of July	1870
						Air.	Water.				
1	1		EN E						commences with light airs from WSW		
2	1								at 6 P.M. light southerly air		
3	1										
4	2		North						at 8 P.M. sankety head light bore W by N by compass dist 16 miles		
5	2										
6	3										
7	3										
8	4								at 3 A.M. wind change to EN E and squally at 8 A.M. moderated down at 12 noon		
9	5		WN E						Cape Cod light house bore per compass W by S dist 10 miles		
10	5								at 2 P.M. took pilot on board		
11	6								at 8 P.M. Race point bore S by W dist 8 miles		
12	6								at 6 P.M. latter part moderate		
1	6		Nly W								
2	5										
3	3										
4	2		Nly W								
5	2										
6	2										
7	3 ½		Nly W						this day ends sea time with 86 hours		
8	3 ½										
9	3		WNW								
10	3										
11	2										
12	2										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal from of Brig Executive lying at Long Point towards Porto Prince St Domingo

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1									Friday 9 <sup>th</sup> day of September 1870
2									Arrived on board at 3 A.M. from which time
3									this log in civil time
4									This day begins with lite S.W. wind and clear weather
5									middle and latter part blowing fresh the crew
6									employed on ships duty Pumps attended.
7									So ends the day
8									Saturday Sept. 10.
9									This day begins with lite S.W. winds at 10 A.M.
10									commence raining with fog at 2 P.M. wind
11									shifted to N.W. lite breeze got underway
12									and proceeded down the bay at 7 P.M.
1									lite westerly winds and flood tide came to
2									anchor outside of belfost. lite winds the latter
3									part Pumps Attended.
4									Sunday Sept 11.
5									This day begins with fine weather and
6									strong breeze to the Northward at 3 A.M.
7									get underway and proceeded down the bay
8									So ends this day of 12 hours civil time from
9									which I commence sea time. Manhagan
10									18 miles dist bearing N.W. from which I take my departure
11									Lat 43-27
12									Long 69-13

Journal from Bangor towards Porto Prince St Domingo

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	5		S 1/2 W	N by W					Monday 12 <sup>th</sup> day of September 1870
2	5		"	"					This day begins and ends with
3	5		"	"					fine clear weather and a fresh breeze
4	5		"	"					from the Northward,
5	5		"	"					Pumps Attended.
6	5		"	"					All drawing sails set
7	6		"	"					at 8 A.M. to work setting up
8	6		"	"					Main Riggings.
9	6		"	"					So ends the day
10	6		"	"					
11	6		"	"					
12	6		"	"					
1	6		"	"					
2	6		"	"					
3	6		"	"					
4	6		"	"					
5	5		"	"					
6	5		"	"					
7	5		"	"					
8	5		"	"					
9	5		"	"					
10	5		"	"					
11	5		"	"					
12	5		"	"					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 1/2 E	120	128	12	41-18	41-18	1 1/2 W	16	68-57	



## Journal from Bangor

towards Porto Prince St. Domingo

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Tuesday 13 day of September 1870	H
						Air.	Water.				
1	5'		S S W	N E W					This day begins with a good breeze from the Northward.		1
2	5'		"	"							2
3	5'		"	"							3
4	5'		"	"							4
5	5'		"	"					At 8 P M wind halled to the westward. Set all the fore and aft sails.		5
6	5'		"	"							6
7	4		"	"							7
8	4		"	W N W							8
9	4		"	"					Middle and latter part fine breeze and fine weather.		9
10	4		"	"							10
11	4		"	"							11
12	3		"	"							12
1	3		"	"					Pumps regular attended to every half hour.	So ends this day	1
2	3		"	"							2
3	3		"	"							3
4	3		S by E	S N E W							4
5	3		"	"							5
6	3		"	"							6
7	4		South	W S W							7
8	4		"	"							8
9	4		S S W	N W							9
10	4		"	"							10
11	4		"	"							11
12	4		"	"							12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S by W	95	22	18	39-46	39-47	2 1/2 W	26	68-23	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Wednesday 14 day of September 1870	H
						Air.	Water.				
1	5'		S S W	N to N W					This day begins with fresh breezes from the North and Westward.		1
2	5'		"	"							2
3	5'		"	"							3
4	5'		"	"							4
5	5'		S by W	N W					Middle and latter part moderate breezes and baffling with clear weather. 2 sails in sight standing to the North and Eastward.		5
6	5'		"	"							6
7	4		S S W	W S W							7
8	4		"	"							8
9	4		"	N W					at 6 A M took in fore and aft sails. At 4 P M stowed the chains.		9
10	4		"	"							10
11	4		"	"							11
12	4		"	"							12
1	4		"	"					Pumps Attended.	So ends this day	1
2	4		"	"							2
3	4		"	"							3
4	4		"	"							4
5	3		"	"							5
6	3		"	"							6
7	4		South	North							7
8	4		"	"							8
9	5'		S S W	"							9
10	5'		"	"							10
11	4		"	"							11
12	4		"	"							12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S by W	102	24	24	38-08	38-08	2 1/2 W	31	89-52	



## Journal

from *Bangor*towards *Porto Prince St Domingo*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		SSE	NNE to SE					This day begins and ends with little baffling winds.
2	3								
3	3								
4	3								
5	3								First and latter part clear middle part cloudy at 7 PM. set the fore and aft sails
6	3								
7	2		S by W						
8	2								
9	2								Pumps Attended vessel not leaking much
10	2								
11	3		S by W						
12	2								
1	2								So ends this day
2	2								
3	2								
4	2								
5	3								
6	3								
7	3								
8	3								
9	3		SW S	SE S					
10	3								
11	3								
12	3								

2 hours for hour for 24 hours to be allowed SE by E current

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	31	29	11	37-38	37-39	1/2 pt W	14	68-40	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	4		SW S	SE					This day begins with moderate winds at 5 PM fresh breezes took in the sails
2	4								
3	4								
4	4								
5	4		SW S	SE					At 11 PM took in top gallant sail middle stay sail and outcrop
6	4								
7	4								
8	4								
9	3								At 1 AM Dressed the main sail
10	3								
11	3		SW S	SE S	1 pt fore tack				
12	3								
1	3								At 11 AM took in upper topsail. The day ends with strong SE gale winds and cloudy weather
2	3								
3	3		SW	SE					
4	3								
5	3		SW S	SE S					Pumps Attended vessel looking badly
6	3								
7	3		SW	SE					
8	3								
9	3				1 1/2 pt fore tack				So ends this day
10	3								
11	3								
12	0								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW 1/2 W	72	64	33	36-35	more	1/2 pt W	41	70-21	



## Journal from

Bangor

towards Port au Prince Admiring

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Saturday 17 day of September 1870
						Air.	Water.			
1	2		off one to come up. S. S. E. fall off S. S. W.	off one East to S. S. E.	2 points variation 1/2 pt. North by East				This day begins with strong gales from East to S. S. E. and thick At 1 P. M. close reefed the mainsail. at 2 P. M. reefed the lower topsail. and foresail Middle and latter part blowing harder. vessel looking badly Pumps constantly attended The day ends with a heavy gale a blinding took in fore topmast staysail. vessel making good weather under balance reefed mainmast and mainstaysail.	
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									
1	2									
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S. S. W. 1/2 W	48	42	22	35-53	" "	1/2 pt W	27	70-48	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	Sunday 18 day of September 1870
						Air.	Water.			
1	2		Have. to come to S. E. fall off South	from S. E. to S. S. E. headed from S. S. E. to S. S. W.	7 pt. North by East Started tack 8 pt variation 1/2 pt. North by East				This day begins with strong gales from S. S. E. which at 1 P. M. backed to East blowing furiously took in mainstaysail. at 2 P. M. deck load. Started lumber washing off. At 3 P. M. blew away the mainsail boom and gaff broke a drift stowing in starboard quarter. Threw away stern boat. vessel on her beam ends water coming half way the deck to gunward, thought best to save the vessel to cut away cut the rigging when maintop mast foremast foretopmast and topgallantmast went over the side vessel still down fitting her decks. At 6 P. M. gale moderated vessel laboring heavy pumps constantly a going with no luck. Rudder head sprung. At 9 P. M. wind shifted to the W. S. W. and blew a heavy gale. At daylight vessel still laboring heavily thought to get before it but could not.	
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									
1	2									
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S. E. E.	27	10	24	35-43	" "	1/2 pt W	30	70-17	



# Journal from *Bangor*

Towards Port au Prince, St. Domingo.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	2		None to Headed from NW to low the Starboard.	W N W	8 points				This day begins with moderate gales and high sea vessel still leaking badly finding it impossible to keep her from commenced to discharge cargo from the ports filled the gally and forecattle all washed to pieces destroying all the men's clothing Gally and Cabin Stoves and all the cooking utensils
2	2								
3	2								
4	2								
5	2								
6	2								
7	2								
8	2								
9	2								
10	2								
11	2								
12	2								
1	1		None up NW fall off	W N E and N E	8 points				At noon more moderate pumps sucked but were obliged to keep them going most of the time Wind. N N E & N E keep off S S W got 2 fibs on her and fore top mast studding sail on the mainmast fished rudder head Lat Obs 35-24 Long Obs 69-31 Trying to get to Savannah or the nearest American port
2	1								
3	1								
4	1								
5	1								
6	1								
7	1								
8	1								
9	1								
10	1								
11	1								
12	1								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 3/4 S	28	22	17	35-21	35-24	1/2 pt	21-	69-37	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		S by W	NE					Tuesday This day begins with fresh N E gales and clear weather at 12 we keep her off and stood S by W. Middle and latter part the same crew employed in making such sail as could be made and clearing up Pumps attended every half hour vessel leaking badly So ends the day
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3								
12	3								
1	3		S by W	NE					
2	3								
3	3								
4	3								
5	3								
6	3								
7	3	1/2							
8	3	1/2							
9	3								
10	4								
11	4								
12	4								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 1/2 W	78	77	8	34-07	34-07	1/2 pt	10	70-07	



## Journal from

Bangor

towards Porto Prince, St. Domingo

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	3		S by W	N by E					<p>Wednesday 21 day of September 1871</p> <p>This day begins with fresh breezes from N.W. and clear weather</p> <p>Middle part cloudy</p> <p>Latter part the wind freshened with rain squalls</p> <p>Pumps Attended, regular</p> <p>Vessel not leaking somewhat</p> <p>So ends the day</p>
2	3								
3	3								
4	3								
5	3								
6	3								
7	3		S by W	N by E					
8	3								
9	3								
10	3								
11	3								
12	3								
1	3								
2	3								
3	3								
4	3								
5	3								
6	3								
7	3		S by S	E by E					
8	3								
9	4								
10	4								
11	4								
12	4								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S by W $\frac{3}{4}$ W	76	71	23	32-56	" "	$\frac{1}{4}$ pt W	30	70-37	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	4		W by S	East					<p>Thursday 22 day of September 1871</p> <p>This day commences with strong breezes from the Eastward and E by S.</p> <p>Middle and latter part strong breeze with rain squalls</p> <p>At 4 P.M. saw a ship showing on the wind bound to the Northward.</p> <p>Pumps Attended constantly the crew to the pumps and got some</p> <p>Soil ready to set</p> <p>So ends this day</p>
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4		W by S	East					
1	4								
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W by S	93	18	91	32-38	32-38	" "	108	72-26	



# Journal from *Bongor*

towards Porto Prince St. Domingo

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		W <sup>3</sup> S	East.	1/4				Friday 23 day of September 1870
2	3								This day commences with strong
3	3								Eastly wind and rain squalls
4	3								At 2 P.M. the Brig Elsey bound to
5	3								Boston ran down for aid and offered
6	3								assistance if needed we thought we
7	3								Middle part clear and fine
8	3								
9	3								
10	3								Latter part clear with passing
11	3								clouds
12	3		W <sup>3</sup> S	East					
1	3								Pumps Attended regular
2	3								
3	3								
4	3								Vessel looking the same
5	3								running before it with the topmast
6	3								studding sail set off for a square sail
7	3								To ends the day
8	3								
9	3								
10	3								
11	3								
12	3		W <sup>3</sup> S	East					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W <sup>3</sup> S	72	10	71	32-28	32-28	" "	85	73-32	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	4		W <sup>3</sup> S <sup>1</sup> S	East					Saturday 24 day of September 18
2	4								This day commences with fresh
3	4								breeze from the Eastward clear
4	4								with passing clouds
5	4								
6	4								Middle and latter part
7	4								the same
8	4								
9	4								At 8 AM bent a upper top sail
10	4								on to studding sail boom and
11	4								set it.
12	4		W <sup>3</sup> S <sup>1</sup> S	East					
1	4								Pumps Attended vessel
2	4								looking the same
3	4								
4	4								
5	4								To ends the day
6	4								
7	4								
8	3								
9	3								
10	3								
11	3								
12	3		W <sup>3</sup> S <sup>1</sup> S	E. N. E.					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W <sup>3</sup> N <sup>3</sup> W	91	22	88	32-06	32-06	4 pt E	104	73-33	



# Journal from Bangor

towards Portau Prince St Domingo

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Sunday 25 <sup>th</sup> day of September 1870
						Air.	Water.			
1	3		W 1/2 S	E N E					This day begins and ends with fine weather  Clear with passing clouds and moderate westerly winds  Pumps Attended regular  Vessel looking the same  So ends this day.	
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11	3		W 1/2 S	E N E						
12	3									
1	3									
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3		W 1/2 S	E N E						
10	3		"							
11	3		"							
12	3		"							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W 1/2 S	70	13	68	31-47	31-53	1	81	76-56"	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Monday 26 <sup>th</sup> day of September 1870
						Air.	Water.			
1	2		S W 1/2 W	N E 1/2 E					This day begins with the Easterly wind clear with passing clouds  Middle and latter part the same at 8 AM 2 ships in sight.  Pumps Attended regular  Vessel looking the same	
2	2		"	"						
3	2		"	"						
4	2		"	"						
5	2		"	"						
6	2		"	"						
7	2		"	"						
8	2		"	"						
9	2		"	"						
10	2		"	"						
11	2		S W 1/2 W	E N E						
12	2		"	"						
1	3		"	"						
2	3		"	"						
3	3		W 1/2 S	"						
4	3		"	"						
5	3		"	"						
6	3		"	"						
7	3		"	"						
8	3		"	"						
9	3		W 1/2 S	"						
10	2		"	"						
11	2		"	"						
12	2		"	"						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W 1/2 S	69	8	68	31-47	31-46	none	81	78-17	



Journal from

Bangor

towards Port au Prince St Domingo

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		NW S	E NE	Altered 4 1/2 miles 18 hours En route NE 1/2 E 2 1/4 miles				Tuesday 27 day of September 1870
2	3								This day begins with lite winds and fine weather.
3	3								
4	3								
5	3								At 3 P M. iced the middle stay to the right head and set
6	3								the fib on it and took another
7	4		W S	East					stay from the main mast head and
8	3								set flying fib on it
9	2		NW S						
10	2								
11	2								At 5 P M. wind backed to the
12	2								Northward. all sail that could
1	2								be set was.
2	3								6 P M. fresh breeze at 8 1/2 breeze
3	3	1/2	W S W	E NE					
4	3	3							Middle part the same
5	2		NW S 1/2 S						2 Schooners in sight
6	2								bound to the Northward.
7	2								latter part good breeze and passing
8	2		W S W						clouds
9	3								Pumps Attended regular
10	3								vessel. leaking nothing of any count
11	3								So ends the day
12	3								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW 1/2 W	28	14	24	32-00	31-58	none	28	78-46	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.
						Air.	Water.		
1	3		W S W	East	Altered in the course 60 miles for E. N. E. bound 24 hours 2 1/2 hours per hour				Wednesday 28 day of September 1870
2	3								This day begins with lite. Easterly winds and cloudy weather
3	3								
4	3								
5	3								At 2 P M. spoke the Schooner
6	3								Wanta of New York bound to
7	3								the Northward bid long 78-49
8	3								
9	4								Middle part lite breeze and clear
10	4								
11	4								Latter part lite baffling winds
12	4			SE					with rain squalls thick weather
1	2								
2	2								At 10 AM. 2 sails in sight
3	2								
4	2								Pumps Attended regular
5	2								
6	2								vessel. not leaking so much.
7	4		SW 1/2 W						
8	4								So ends the day
9	2		NW S	East					
10	2								
11	2								
12	2								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WNW	6	2	6	32-10	31-58	1/4 NE	8	78-54	



## Journal from

Bangor.

towards Fort au Prince St. Domingo

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Thursday 29 <sup>th</sup> day of September 1870	H
						Air.	Water.				
1	3		WSW	Wind	Attended to the				This day commenced with light		1
2	3								easterly winds and calms with		2
3	3								rain squalls.		3
4	3		W by S								4
5	3										5
6	3										6
7	4		So ends the day						Middle part the wind from		7
8	4								the south and eastward with		8
9	4		SE by W						driving squalls		9
10	4										10
11	4								Latter part the same,		11
12	4								with baffling winds		12
1	3										1
2	3								Pumps Attended regular		2
3	3								every 15 minutes		3
4	3								vessel, not looking badly		4
5	3										5
6	3										6
7	1								So ends the day.		7
8	1										8
9	0								So ends the day		9
10	0										10
11	0								So ends the day		11
12	0										12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
WSW	6	2	None	32-07	31-57	1/2 pt E	none	78 34	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS	Friday 30 <sup>th</sup> day of September 1870	H
						Air.	Water.				
1	1		WSW	South	Attended to the				This day commenced with		1
2	1								light winds from the south and		2
3	1								eastward from 8 PM to 4 AM		3
4	1								strong breeze, clear weather		4
5	1								with passing clouds		5
6	1										6
7	1										7
8	1								At 8 AM rigged a stay from		8
9	2								the mainmast head and		9
10	2								set the gaff topsail on it		10
11	2								its hoist from the southward		11
12	2		WSW	SSW							12
1	2								The vessel's leaks increasing		1
2	2										2
3	2								Pumps Attended and		3
4	2								going constantly		4
5	2										5
6	2								So ends the day		6
7	2										7
8	2										8
9	3										9
10	3										10
11	3										11
12	3										12

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
NE 1/2 E	17	11	13	32-08	none	1/2 pt E	16	78-38	



## Journal

from

Bangor

towards Portau Prince St Domingo

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	1		drifting						This day commences with lite
2	1								Southerly winds and rain squalls
3	1								and calms vessel not steering
4	1								At 8 P.M. lite Baffling winds
5	1								At 4 A.M. stronger breeze
6	1								At 8 A.M. Calm with rain
7	1								Vessel still leaking badly
8	1								The crew to the pumps
9	1								constantly.
10	1								So ends the day
11	1								
12	1								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NE 6 1/2 E	46	2 1 N	40 E	38-29	none	1/2 E	48 1/2	17-50	

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						Air.	Water.		
1	1		W by N						This day commences with
2	1			South					strong southerly winds and clouds
3	1								weather. At 8 P.M. spoke the
4	1								schoner Clara Woodhouse of
5	1								New York. At 4 P.M. breezed up
6	2								fresh all sail that could be
7	2								rigged was set steering West
8	2								vessel not making any head way
9	2								At 8 P.M.
10	2								blowing hard wind from the Southward carried
11	2								away most of our sail vessel so
12	2								increasing so much
1	2								that we could not keep her free found her stern all adrift
2	2								pumps and gear stove and out of order vessel drifting to
3	2								the Eastward with the current found stern post all loose
4	2								At 5 A.M. spoke the schooner Fred Spafford of Bucksport
5	2								from Jacksonvil which laged by us seeing our condition
6	2								At 8 A.M. found it impossible to keep her free no sails
7	2								to set crew all exhausted and wore out at the pumps vessel
8	2								water lodged stayed on her as long as was prudent the vessel
9	2								entirely stove to pieces At 11 A.M. was taken off by the schooner
10	2								Matt with our boat and his the day ended with strong
11	2								gales from the Southward
12	2								Lat 33-00 Long 77-04

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				33-55		1/2 East		77-13	



Journal from

towards

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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Journal from

Towards

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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# Journal *from*

*towards*

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. Air. Water.	Barometer.	REMARKS.	day of	18
1			Ballad of John Chinaman.							
2										
3										
4			John Chinaman cometh across the sea,							
5			From the land of rice and the bamboo tree;							
6			Where the shade of Confucius doth ever abide;							
7			Where kittens are roasted & turpies are fried.							
8										
9			John Chinaman cometh across the sea,							
10			To the "glorious land of liberty";							
11			To the land of the brave & the home of the free;							
12			To the "land of perfect equality".							
1										
2			John Chinaman stoweth across the sea,							
3			And by thrifty, patient industry,							
4			By living on half a cent a day,							
5			Continues to make his wash-horse hay.							
6										
7			"He works too cheap!" cry Biddy & Dick,							
8			And treat him to many a curse & kick.							
9			But he barely endures it & tries not to swear							
10			When respectable citizens pull his back-hair.							
11										
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. Air. Water.	Barometer.	REMARKS.	day of	18
1			Knocked down by an angry mob, one day,							
2			"You call yourselves Christians!" is all he can say							
3			And feared the cry that arose in the street,							
4			"Death to the heathen! Kill the dead heathen!"							
5										
6			They drag him over the dirty stones;							
7			They laugh like fiends at his piteous groans;							
8			They hang him fast to the lamp-post high,							
9			And they leave him there in his blood to die.							
10										
11			Here again shall the Chinaman see							
12			The land of rice & the bamboo tree;							
1			Far from the borders of the Hoang-ho							
2			His spirit must wander to & fro.							
3										
4			And ere he singeth a ghostly strain,							
5			Whose mournful numbers have this refrain;							
6			"All men are equal born and free;							
7			Which doesn't apply to the heathen Chinese."							
8										
9										
10										
11										
12										

Frank M. Brownson.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	day of	18
						Air.	Water.				
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Journal *from*

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1			4 Bbs flour		2 1/2 Beef			1 lb Pork		
2										
3										
4			August 18 Opened a Barrel flour		1 of Pork			+ 1/2 Bbl Beef		
5			Sept 11 " " " "		"			"		
6			Oct 7 opened a Barrel Flour							
7										
8			List of Stores taken on board at Ferdinandina St. for Barbadoes							
9			3 Bbls Beef.. 2 Bbls Pork. 4 Bbls Flour 1/2 Bbl Mackerel. 5 <sup>lbs</sup> Potatoes							
10			1 Case of 2 Cans Theriacal Oil. 7 Cases small stores 1 Cheese 1 Tub Butter							
11			<del>4 Bbls Bread.</del> 1 Bbl Ham 1/2 Bbl Mollasses 1/2 bbl Beans. 1/2 <sup>meas</sup> Corn Meal,							
12			1 Bag Peas 1/2 Box Codfish 1 Can Brooms 4 Balls Cotton Twine Box S <sup>t</sup> . needles							
1			Brought the following Stores as Per Date							
2			Thursday Janz 27. 1 Bbl Bread. Feb. 13. Feb 24. March 14. = 4 Bbls							
3			Monday .. 31. 1 " Beef. March 1. Apr 1. Apr 30							
4			" " " 1 " Pork. aprail 1 <sup>st</sup> bbl.							
5			" " " 1 " Codfish. & all Small Stores							
6			" " " 1 " Potatoes. Feb 10. Feb. 20. Feb 26. March 7. = 5 lbs							
7			Tuesday Feb 15 1/2 Bbl Mackerel							
8			Saturday March 12. 1 Bbl Flour. Apr 1. 1 Bbl. May 2. 1 Bbl.							
9			Apr 4 Recd on board 3 bbls Jamns, 2 bbls Potatoes 1 Bbl Bread 1 Bbl Beef							

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June 1911

Smith & Smith

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